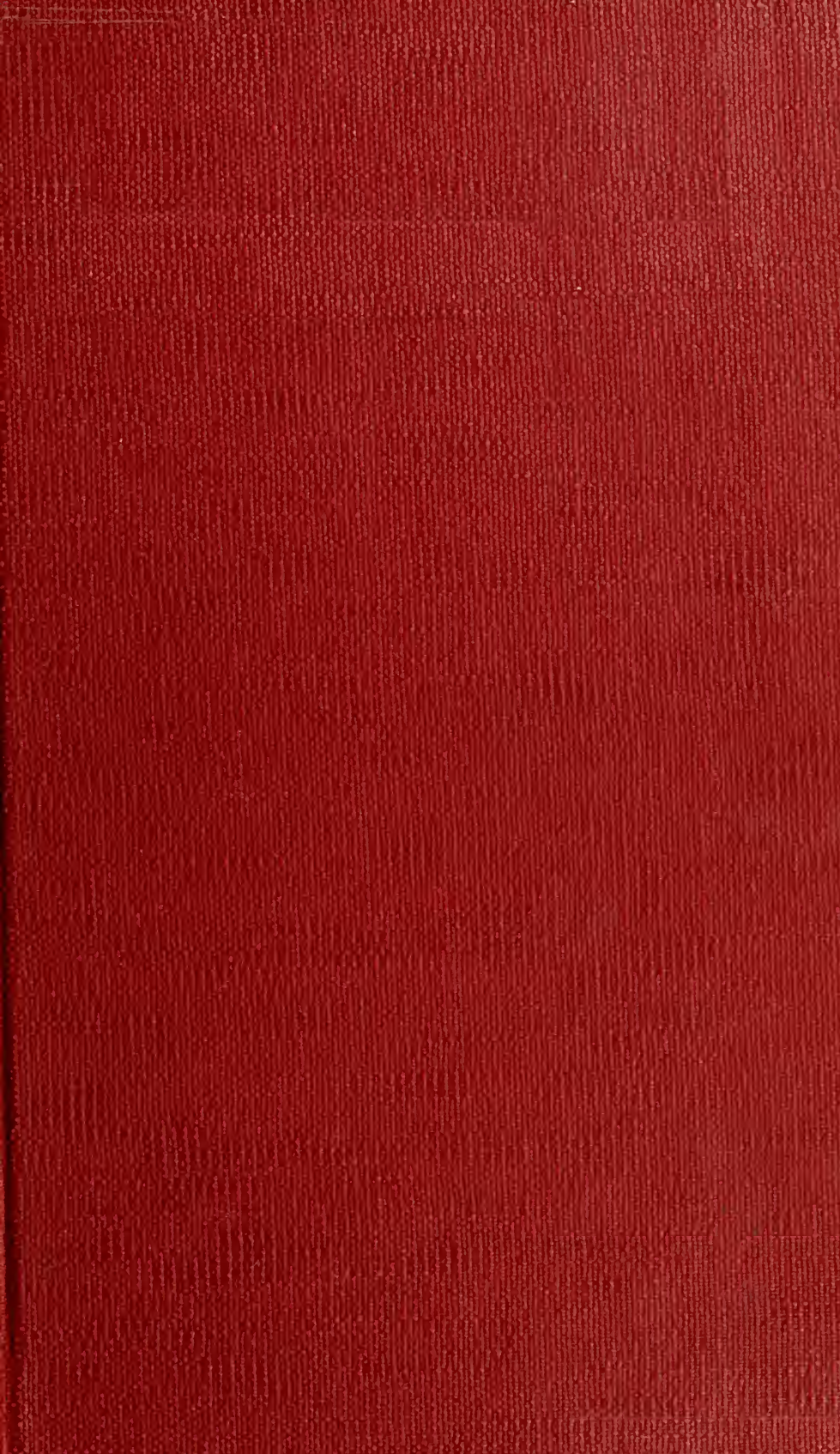




SCHOOL OF MEDICINE
UNIVERSITY OF MARYLAND
BALTIMORE, MD.



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September, 1952

UNIVERSITY OF MARYLAND

SCHOOL OF
MEDICINE



CATALOGUE
&
ANNOUNCEMENTS

522 W. LOMBARD STREET, BALTIMORE 1, MD.

NOTE

This catalogue was closed for the press on May 31, 1952. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.

DEAN'S OFFICE
SCHOOL OF MEDICINE
UNIVERSITY OF MARYLAND
BALTIMORE, MD.

3296

Made in United States of America





BALTIMORE SCHOOLS—UNIVERSITY OF MARYLAND

- | | |
|---|-----------------------------------|
| 1. Original Medical Building | 7. University Hospital |
| 2. Laboratory Building, Medicine | 8. Nurses' Home, Medicine |
| 3. Bressler Building, Medicine | 9. School of Pharmacy |
| 4. Gray Laboratory, Student's Lounge, Medicine | 10. School of Dentistry |
| 5. Administration Building, College of Education,
Baltimore Division | 11. Dental Clinic |
| 6. Medical Library | 12. Out-Patient Clinics, Medicine |
| | 13. School of Law |

UNIVERSITY OF MARYLAND
SCHOOL *of* MEDICINE

SEPTEMBER, 1952

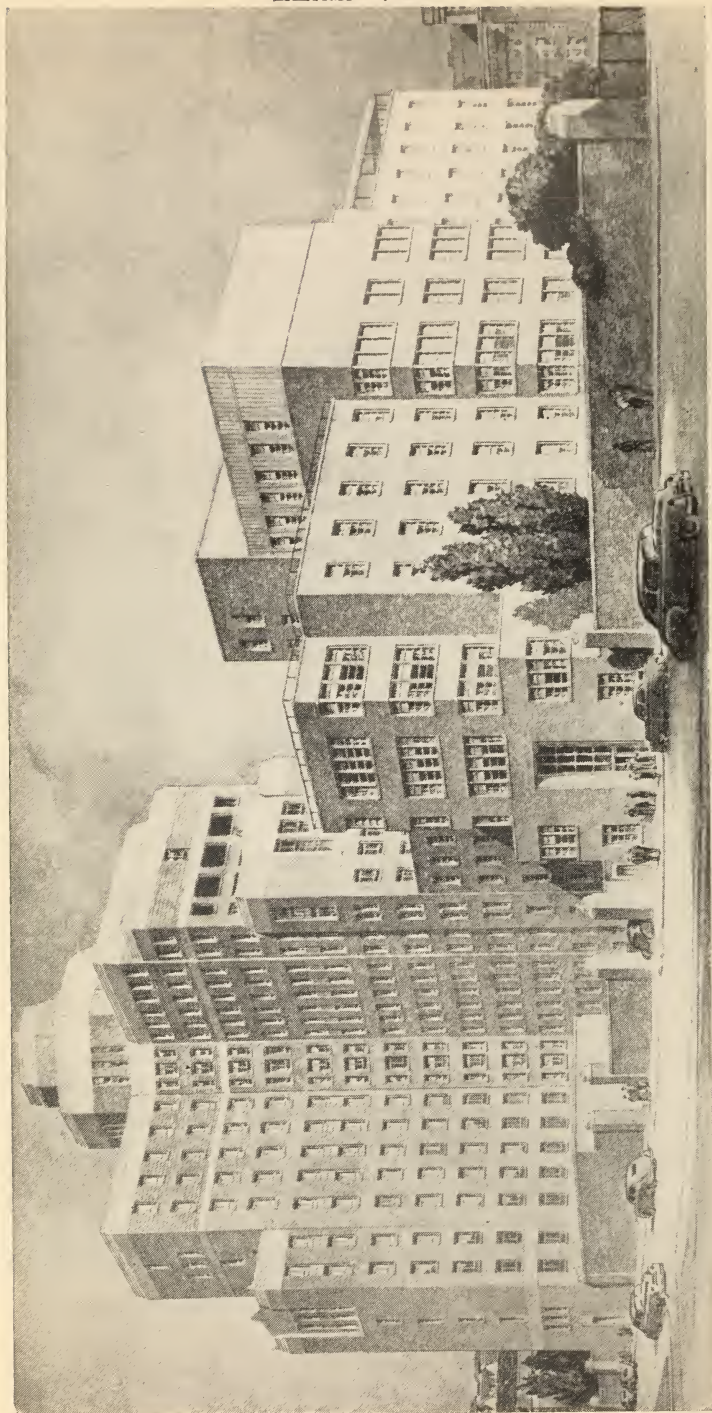


Announcements for

The One Hundred Forty-Seventh Academic Session
1952-1953

Catalogue of
The One Hundred Forty-Sixth Academic Session
1951-1952

DEAN'S OFFICE
SCHOOL OF MEDICINE
UNIVERSITY OF MARYLAND
BALTIMORE, MD.



University Hospital and Psychiatric Institute



THE FRANK C. BRESSLER RESEARCH LABORATORY

CALENDAR

1952

JULY

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1953

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 18, 1952 TO JUNE 6, 1953

1952

September 8, 9, 10

Re-examinations for advancement

FIRST SEMESTER—September 18, 1952 to January 24, 1953

September 16	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 17	Wednesday	*Registration, payment of fees, all other students
September 18	Thursday	Instruction begins at 8:30 a.m.
November 25	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
December 1	Monday	Instruction resumed
December 20	Saturday	Instruction suspended at 5:00 p.m. Christmas Holiday

1953

January 5	Monday	Instruction resumed
January 19	Monday	Midyear examinations
	to	*Payment of fees for second semester
January 24	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 26 to June 6, 1953

January 26	Monday	Instruction begins at 8:30 a.m.
February 23	Monday	Holiday—Washington's Birthday
February 24	Tuesday	Instruction resumed
April 2	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
April 7	Tuesday	Instruction resumed
April 28	Tuesday	Juniors and Seniors excused to attend annual meetings of the Medical & Chirurgical Faculty
April 29	Wednesday	
May 18	Monday	Junior examinations begin
May 23	Saturday	Senior classes cease at 5:00 p.m.
May 25	Monday	Junior examinations continue Sophomore and Freshman examinations begin
May 30	Saturday	Holiday—Memorial Day
June 1	Monday	Announcement of graduates
June 6	Saturday	Commencement Second Semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1953-1954

1953

September 7, 8, 9		Re-examinations for advancement
September 15	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 16	Wednesday	*Registration, payment of fees, all other students
September 17	Thursday	Instruction begins at 8:30 a.m.

* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars (\$5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.



ORGANIZATION

THE UNIVERSITY OF MARYLAND

HARRY CLIFTON BYRD, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		<i>Term Expires</i>
WILLIAM P. COLE, JR., <i>Chairman</i>	Baltimore.....	1958
J. MILTON PATTERSON, <i>Treasurer</i>	Baltimore.....	1953
B. HERBERT BROWN, JR.....	Baltimore.....	1960
EDWARD F. HOLTER.....	Middletown.....	1959
LOUIS L. KAPLAN.....	Baltimore.....	1961
E. PAUL KNOTTS.....	Denton.....	1954
ARTHUR O. LOVEJOY.....	Baltimore.....	1960
CHARLES P. MCCORMICK.....	Baltimore.....	1957
HARRY H. NUTTLE.....	Denton.....	1957
PHILIP C. TURNER.....	Parkton.....	1959
MRS. JOHN L. WHITEHURST.....	Baltimore.....	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Advisory Board, Council, or Committee composed of the Dean and members of its faculty, which controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Special and Continuation Studies
(Baltimore Division)

The College of Business and Public Administration

The College of Education
The Glenn L. Martin College of Engineering and Aeronautical Sciences

The College of Home Economics
The Graduate School
The College of Military Science
The College of Physical Education, Recreation and Health

At College Park

The College of Agriculture
The College of Arts and Sciences

The College of Special and Continuation Studies
The Summer School

ADMINISTRATIVE OFFICERS

SCHOOL OF MEDICINE

H. C. Byrd, B.S., LL.D., D.Sc.....*President of the University*
H. Boyd Wylie, M.D.....*Dean*
Edgar F. Long, Ph.D.....*Dean of Students*
Alma H. Preinkert, M.A.....*Registrar*
G. Watson Algire, M.S.....*Director of Admissions*

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

J. M. H. ROWLAND, M.D., D.Sc., LL.D.

Professor of Obstetrics, Emeritus; Dean, Emeritus

HENRY J. WALTON, M.D.....Professor of Roentgenology, Emeritus

PAGE EDMUNDS, M.D.....Professor of Traumatic Surgery, Emeritus

RUTH LEE BRISCOE.....Librarian, Emeritus

HARVEY G. BECK, M.D., D.Sc.....Professor of Clinical Medicine, Emeritus⁵

IRVING J. SPEAR, M.D.....Professor of Neurology, Emeritus

CARL L. DAVIS, M.D.....Professor of Anatomy, Emeritus

ARTHUR M. SHIPLEY, M.D., D.Sc.....Professor of Surgery, Emeritus

CLYDE A. CLAPP, M.D.....Professor of Ophthalmology, Emeritus

ANDREW C. GILLIS, M.A., M.D., LL.D.....Professor of Neurology, Emeritus

EDGAR B. FRIEDENWALD, M.D.....Professor of Clinical Pediatrics, Emeritus

ADVISORY BOARD OF THE FACULTY

DEAN H. BOYD WYLIE, *Chairman*

O. G. HARNE, *Secretary*

GEORGE H. BUCK, *Ex Officio Member*

WILLIAM R. AMBERSON
JAMES G. ARNOLD, JR.
WALTER A. BAETJER
J. EDMUND BRADLEY
OTTO C. BRANTIGAN
RAYMOND M. BURGISON
HOWARD M. BUBERT
T. NELSON CAREY
C. JELLEFF CARR
CARL DAME CLARKE
RICHARD G. COBLENTZ
BEVERLEY C. COMPTON
EDWARD F. COTTER
CHARLES N. DAVIDSON
JOHN DeCARLO, JR.
LOUIS H. DOUGLASS
C. REID EDWARDS

MONTÉ EDWARDS
FREDERICK P. FERGUSON
FRANK H. J. FIGGE
JACOB E. FINESINGER
A. H. FINKELSTEIN
RUSSELL S. FISHER
GORDON E. GIBBS
MAURICE H. GREENHILL
FRANK W. HACHTEL
EDWARD J. HERBST
HARRY C. HULL
J. MASON HUNDLEY, JR.
FRANK D. KALTREIDER
JAMES R. KARNS
WALTER L. KILBY
EDWARD A. KITLOWSKI

F. EDWIN KNOWLES
VERNON E. KRAHL
JOHN C. KRANTZ, JR.
LOUIS A. M. KRAUSE
PHILIP F. LERNER
EDWARD A. LOOPER
WILLIAM S. LOVE, JR.
JOHN F. LUTZ
HENRY J. L. MARRIOTT
ZACHARIAH MORGAN
THEODORE H. MORRISON
H. WHITMAN NEWELL
THOMAS R. O'ROURK
D. J. PESSAGNO
H. R. PETERS
MAURICE C. PINCOFFS
J. MORRIS REESE

⁵ Died Oct. 30, 1951.

CHARLES A. REIFSCHNEIDER	HUGH R. SPENCER EDWARD STEERS	JOHN A. WAGNER C. GARDNER WARNER
DEXTER L. REIMANN	EDWIN H. STEWART, JR.	JOHN I. WHITE
HARRY M. ROBINSON, SR.	MATTHEW L. TABACK	HUNTINGTON WILLIAMS
MILTON S. SACKS	W. HOUSTON TOULSON	WALTER D. WISE
EMIL G. SCHMIDT	EDUARD UHLENHUTH	THEODORE E. WOODWARD
ANDREW G. SMITH	HENRY F. ULLRICH	THOMAS C. WOLFF
DIETRICH C. SMITH	RAYMOND E. VANDERLINDE	GEORGE H. YEAGER
FREDERICK B. SMITH	ALLEN F. VOSHELL	WAITMAN F. ZINN

ADVISORY COMMITTEE OF THE FACULTY

✓ WILLIAM R. AMBERSON	O. G. HARNE, Assistant to the Dean, <i>Secretary</i>	✓ MAURICE C. PINCOFFS
J. EDMUND BRADLEY		✓ EMIL G. SCHMIDT
✓ LOUIS H. DOUGLASS	✓ J. MASON HUNDLEY	✓ HUGH R. SPENCER
✓ C. REID EDWARDS	✓ WALTER L. KILBY	✓ EDUARD UHLENHUTH
✓ JACOB E. FINESINGER	✓ F. EDWIN KNOWLES, JR.	H. BOYD WYLIE, Dean
✓ FRANK W. HACHTEL	✓ JOHN C. KRANTZ, JR.	<i>Chairman</i>

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.
 William R. Amberson, Ph.D., Professor of Physiology and Head of the Department.
 Charles Bagley, Jr., M.A., M.D., Professor of Neurological Surgery.^{3a}
 Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.
 J. Edmund Bradley, M.D., Professor of Pediatrics and Head of the Department.
 Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Clinical and Thoracic Surgery.
 T. Nelson Carey, M.D., Professor of Clinical Medicine.
 C. Jelleff Carr, Ph.D., Professor of Pharmacology.
 Richard G. Coblentz, M.A., M.D., Professor of Clinical Neurological Surgery.
 Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.
 Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
 Louis H. Douglass, M.D., Professor of Obstetrics and Head of the Department.
 Charles Reid Edwards, M.D., Professor of Surgery and Acting Head of the Department.
 Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1952 to June 30, 1953 unless otherwise indicated. Changes are noted as follows:

¹ Appointments effective July 1, 1952.

² Promotions effective July 1, 1952.

³ Resignations.

^{3a} Resigned April 3, 1952.

⁴ Retirements.

⁵ Deaths.

⁶ Leave of absence.

- Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.
- Lloyd D. Felton, A.B., D.Sc., M.D., Visiting Research Professor of Bacteriology.^{3a}
- Frank H. J. Figge, Ph.D., Professor of Anatomy.
- Jacob E. Finesinger, M.D., Professor of Psychiatry and Head of the Department.
- Russell S. Fisher, B.S., M.D., Professor and Head of the Division of Legal Medicine.²
- Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
- Frank W. Hachtel, M.D., Professor of Bacteriology and Head of the Department.
- Harry C. Hull, M.D., Professor of Clinical Surgery.
- J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology and Head of the Department.
- Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
- F. L. Jennings, M.D., Professor of Clinical Surgery.
- C. Loring Joslin, M.D., Professor of Pediatrics.
- Walter L. Kilby, M.D., Professor of Roentgenology and Head of the Department.
- Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
- John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology and Head of the Department.
- Louis A. M. Krause, M.D., Professor of Clinical Medicine.
- Kenneth D. Legge, M.D., Professor of Clinical Urology.
- Edward A. Looper, M.D., D.Oph., Professor of Otolaryngology and Head of the Department.
- Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
- Alfred T. Nelson, M.D., Professor of Anaesthesiology and Head of the Department.³
- Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
- Thomas R. O'Rourke, M.D., Professor of Otolaryngology.
- D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
- H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine
- Maurice C. Pincoffs, B.S., M.D., Professor of Medicine and Head of the Department.
- Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.¹
- Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
- Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
- John R. Reid, Ph.D., Visiting Professor of Psychiatry.
- Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
- Harry M. Robinson, Sr., M.D., Professor of Dermatology.
- Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry and Head of the Department.
- Dietrich Conrad Smith, Ph.D., Professor of Physiology and Assistant Director Post-graduate Committee.
- Hugh R. Spencer, M.D., Professor of Pathology and Head of the Department.
- Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
- W. Houston Toulson, M.Sc., M.D., Professor of Urology.
- I. Ridgeway Trimble, M.D., Professor of Clinical Surgery.
- Eduard Uhlenhuth, Ph.D., Professor of Anatomy and Head of the Department.
- Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
- Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
- Walter D. Wise, M.D., Professor of Surgery.
- George H. Yeager, B.S., M.D., Professor of Clinical Surgery and Director of Clinical Research.
- Waitman F. Zinn, M.D., Professor of Otolaryngology.

^{3a} Resigned Mar. 31, 1952.

ASSOCIATE PROFESSORS

- Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.
 James G. Arnold, Jr., M.D., Associate Professor of Neurological Surgery.
 H. M. Bubert, M.D., Associate Professor of Medicine.
 Thomas R. Chambers, A.B., M.D., Associate Professor of Surgery.
 Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.
 Charles N. Davidson, M.D., Associate Professor of Roentgenology.
 Ross Davies, M.D., Associate Professor of Hygiene and Public Health.
 J. S. Eastland, M.D., Associate Professor of Medicine.
 Francis A. Elliss, A.B., M.D., Associate Professor of Dermatology.²
 A. H. Finkelstein, M.D., Associate Professor of Pediatrics.
 Leon Freedom, M.D., Associate Professor of Neurology.
 Frederick P. Ferguson, Ph.D., Associate Professor of Physiology.
 William L. Garlick, A.B., M.D., Associate Professor of Thoracic Surgery and Associate in Surgery.²
 Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.
 Gordon E. Gibbs, A.B., M.A., Ph.D., M.D., Associate Professor of Clinical Pediatric Research.
 Maurice H. Greenhill, M.D., Associate Professor of Psychiatry.^{1a}
 Lewis P. Gundry, M.D., Associate Professor of Medicine.
 O. G. Harne, Associate Professor of Anatomy and Asst. to the Dean.
 Edward J. Herbst, Ph.D., Associate Professor of Biological Chemistry.²
 Hugh H. Hicks, D.D.S., Associate Professor of Periodontology, School of Dentistry.
 Cyrus F. Horine, M.D., Associate Professor of Surgery.
 Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics
 Edward S. Johnson, M.D., Associate Professor of Surgery.
 Wedon Johnson, A.B., M.D., Associate Professor of Anesthesiology.^{3a}
 D. Frank Kaltreider, A.B., M.D., Associate Professor of Obstetrics.
 Fayne A. Kayser, M.D., Associate Professor of Otolaryngology.
 Vernon E. Krah, B.S., M.S., Ph.D., Associate Professor of Anatomy.
 Frederick T. Kyper, M.D., D.Sc., Associate Professor of Otolaryngology.
 R. W. Locher, M.D., Associate Professor of Clinical Surgery.
 William S. Love, Jr., A.B., M.D., Associate Professor of Medicine.
 Charles W. Maxson, M.D., Associate Professor of Surgery.
 Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.
 Samuel Morrison, A.B., M.D., Associate Professor of Medicine and Gastro-enterology.
 James W. Nelson, M.D., Associate Professor of Surgery.
 H. Whitman Newell, M.D., Associate Professor of Psychiatry.
 C. W. Peake, M.D., Associate Professor of Surgery.
 J. Morris Reese, M.D., Associate Professor of Obstetrics.
 Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.
 Benjamin S. Rich, A.B., M.D., Associate Professor of Otolaryngology.
 Harry M. Robinson, Jr., B.S., M.D., Associate Professor of Dermatology.²
 Ida M. Robinson, A.B., B.S.L.S., Associate Professor of Library Science.
 Milton S. Sacks, M.D., Associate Professor of Medicine and Head of Clinical Pathology, Associate in Pathology.
 Isadore A. Siegel, A.B., M.D., Associate Professor of Obstetrics.²
 Frederick B. Smith, M.D., Associate Professor of Pediatrics.

^{3a} Resigned March 12, 1952.

William H. Smith, M.D., Associate Professor of Clinical Medicine.
 Edward Steers, Ph.D., Associate Professor of Bacteriology.
 George F. Sutherland, M.D., Associate Professor of Psychiatry.^{1b}
 Lewis C. Toomey, D.D.S., Associate Professor of Oral Surgery, School of Dentistry.
 J. McCullough Turner, Ph.D., Associate Professor of Physiology.³
 Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
 John A. Wagner, B.S., M.D., Associate Professor of Pathology.
 W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.
 C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
 William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
 T. Conrad Wolff, M.D., Associate Professor of Medicine and Head of the Division of
 Physical Diagnosis.
 Theodore E. Woodward, M.D., Associate Professor of Medicine
 Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
 Marie A. Andersch, Ph.D., Assistant Professor of Biochemistry in Medicine.²
 Donald J. Barnett, M.D., Assistant Professor of Roentgenology.
 Eugene S. Bereston, A.B., M.D., Assistant Professor of Dermatology.²
 Annie M. Bestebreurtje, B.S., M.D., Assistant Professor of Pediatrics.^{1a}
 H. F. Bongardt, M.D., Assistant Professor of Surgery.
 Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
 Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
 Raymond M. Burgison, Ph.D., Assistant Professor of Pharmacology.
 Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.
 Ernest I. Cornbrooks, Jr., A.B., M.D., Assistant Professor of Gynecology.
 Edward F. Cotter, M.D., Assistant Professor of Medicine, Associate in Neurology.
 J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
 John DeCarlo, A.B., M.D., Assistant Professor of Roentgenology.
 William K. Diehl, M.D., Assistant Professor of Gynecology and Director Gynecological
 Oncology.¹
 Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.
 Stanley H. Durlacher, M.S., M.D., Assistant Professor of Legal Medicine.^{2, 3a}
 William W. Elgin, M.D., Assistant Professor of Psychiatry.
 Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
 Jerome Fineman, M.D., Assistant Professor of Pediatrics.
 Wetherbee Fort, M.D., Assistant Professor of Medicine.
 Frank J. Geraghty, A.B., M.D., Assistant Professor of Medicine.
 Francis W. Gillis, M.D., Assistant Professor of Urology.
 Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
 Albert E. Goldstein, M.D., Assistant Professor of Pathology.
 George Govatos, A.B., M.D., Assistant Professor of Surgery.

Effective appointment dates: Associate Professors.

^{1a} February 1, 1952.

^{1b} May 1, 1952.

^{3a} Resigned Aug. 31, 1952.

- Robert G. Grenell, B.A., M.Sc., Ph.D., Assistant Professor Psychiatric Research.
John F. Hogan, M.D., Assistant Professor of Urology.
James R. Karns, B.S., M.D., Assistant Professor of Medicine² and Director Student Health Service.
F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.
H. Vernon Langeluttig, M.D., Assistant Professor of Medicine.
C. Edward Leach, M.D., Assistant Professor of Medicine.
Philip L. Lerner, M.D., Assistant Professor of Neurology.
Ephriam T. Lisansky, M.D., Assistant Professor of Medicine and Associate in Psychiatry.
Hans W. Loewald, M.D., Assistant Professor of Psychiatry.
John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.
Henry J. L. Marriott, A.M., B.M., Assistant Professor of Medicine.
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Urology and Pathology.
W. Raymond McKenzie, M.D., Assistant Professor of Otolaryngology.
Karl F. Mech, B.S., M.D., Assistant Professor of Anatomy.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
Hugh B. McNally, B.S., M.D., Assistant Professor of Obstetrics.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.
Samuel T. R. Revell, Jr., M.D., Assistant Professor of Medicine.
I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
William F. Rienhoff, M.D., Assistant Professor of Surgery.
Robert A. Reiter, M.D., Assistant Professor of Medicine.
R. C. V. Robinson, B.S., M.D., Assistant Professor of Dermatology.²
John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
Sidney Scherlis, M.D., Assistant Professor of Medicine,² and Associate in Pediatrics.
Kathryn L. Schultz, M.D., Assistant Professor of Psychiatry.
Theodore A. Schwartz, M.D., Assistant Professor of Otolaryngology.
William M. Seabold, M.D., Assistant Professor of Pediatrics.
William B. Settle, M.D., Assistant Professor of Surgical Anatomy and Associate in Surgery.
Albert Shapiro, B.S., M.D., Assistant Professor of Dermatology.²
Arthur G. Siwinski, A.B., M.D., Assistant Professor of Surgery.
Andrew G. Smith, Ph.D., Assistant Professor of Bacteriology.
Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
Sol Smith, M.D., Assistant Professor of Medicine.
Matthew L. Taback, A.B., A.M., Assistant Professor of Hygiene and Public Health.
Harry Teitelbaum, B.S., M.D., Ph.D., Assistant Professor of Medicine.²
Isidore William Towlen, M.D., Assistant Professor of Anesthesiology.³
Raymond E. Vanderlinde, A.B., Ph.D., Assistant Professor of Biological Chemistry.
Philip S. Wagner, M.D., Assistant Professor of Psychiatry.
Gibson J. Wells, M.D., Assistant Professor of Pediatrics.
John I. White, Ph.D., Assistant Professor of Physiology.²
Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.
Israel Zeligman, A.B., M.D., Assistant Professor of Dermatology.²

Effective appointment dates: Assistant Professors.

^{1a} Oct. 1, 1951.

ASSOCIATES

- Conrad B. Acton, M.D., Associate in Medicine and Instructor in Pathology.
Leon Ashman, B.S., M.D., Associate in Medicine.
J. Tyler Baker, B.S., M.D., Associate in Obstetrics.
Margaret B. Ballard, M.D., Associate in Obstetrics.
Charles P. Barnett, A.B., M.D., Associate in Pathology.
Robert E. Bauer, A.B., M.D., Associate in Medicine.
Edmund G. Beacham, M.D., Associate in Medicine.
Robert Z. Berry, A.B., M.D., Associate in Otolaryngology.
Louis V. Blum, M.D., Associate in Medicine.
Harry C. Bowie, B.S., M.D., Associate in Surgical Anatomy.
Kenneth B. Boyd, A.B., M.D., Associate in Gynecology.
Frank J. Brady, M.D., Associate in Anaesthesiology.³
Charles Bramble, A.M., Ph.D., Associate in Medicine.²
Henry A. Briele, M.D., Associate in Postgraduate Surgery.
William R. Bundick, M.D., Associate in Dermatology.
Harold H. Burns, M.D., Associate in Surgery.
M. Paul Byerly, M.D., Associate in Medicine.
Richard A. Carey, M.D., Associate in Medicine.³
Osborne D. Christensen, M.D., Associate in Obstetrics.
Jonas Cohen, M.D., Associate in Medicine.
Edward R. Dana, A.B., M.D., Associate in Roentgenology.
John B. DeHoff, M.D., Associate in Medicine.²
John M. Dennis, B.S., M.D., Associate in Radiology.²
Francis G. Dickey, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics.
William G. Ebeling III, B.S., M.D., Associate in Medicine.^{1, 6a}
J. J. Erwin, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Urology.
William L. Fearing, M.D., Associate in Neurology.
Donald E. Fisher, M.D., Associate in Pathology.
William H. Fisher, M.D., Associate in Postgraduate Surgery.
Samuel L. Fox, Ph.G., B.S., M.D., Associate in Otolaryngology, and Instructor in Physiology.
Irving Freeman, M.D., Associate in Medicine.
Henry C. Freimuth, Ph.D., Associate in Legal Medicine.
Joseph E. Furnari, M.D., Associate in Medicine and Director, Medical Out-Patient Department.²
John S. Haines, M.D.,² Associate in Urology.
Alvin J. Hartz, A.B., M.D., Associate in Medicine.
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine.
Henry W. J. Holljes, M.D., Associate in Medicine and Director Medical Care Clinic.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Benjamin H. Isaacs, A.B., M.D., Associate in Otolaryngology.

^{6a} On leave July 1, to Oct. 1, 1952.

Meyer W. Jacobson, M.D., Associate in Medicine.
 Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
 Hugh J. Jewett, M.D., Associate in Urology.
 Arthur Karfgin, B.S., M.D., Associate in Medicine.
 Walter Karfgin, M.D., Associate in Medicine.
 Joseph I. Kemler, M.D., Associate in Ophthalmology.
 Albert W. Kitts, M.D., Associate in Postgraduate Pediatrics.
 Louis B. Kroll, A.B., M.D., Associate in Medicine.⁵
 Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.
 Samuel Legum, M.D., Associate in Medicine.
 Richard Lindenberg, M.D., Associate in Legal Medicine.^{1d}
 H. Edmund Levin, M.D., Associate in Bacteriology.
 Kurt Levy, M.D., Associate in Medicine.
 William B. Long, M.D., Associate in Postgraduate Surgery.
 William V. Lovitt, Jr., B.S., M.D., Associate in Legal Medicine.²
 H. Patterson Mack, M.D., Associate in Anatomy.^{6b}
 G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
 I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
 William J. McClafferty, M.D., Associate in Legal Medicine.
 George G. Merrill, M.D., Associate in Neurology.
 Lyle J. Millan, M.D., Associate in Urology.
 Frank K. Morris, A.B., M.D., Associate in Gynecology.
 J. Huff Morrison, B.S., M.D., Associate in Obstetrics.
 S. Edwin Muller, M.D., Associate in Medicine.
 Patrick C. Phelan, Jr., A.B., M.D., Associate in Anatomy.³
 Ross Z. Pierpont, M.D., Associate in Surgical Anatomy and Assistant in Surgery.
 J. Emmett Queen, M.D., Associate in Medicine.²
 Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.
 Martin A. Robbins, M.D., Associate in Urology.²
 William M. Seabold, A.B., M.D., Associate in Pediatrics.
 Lawrence M. Serra, M.D., Associate in Medicine.
 Benedict Skitarelic, A.B., M.D., Associate in Pathology.
 Milchijah Spragins, B.S., M.D., Associate in Pediatrics.¹
 Edwin H. Stewart, Jr., M.D., Associate in Surgery.
 Raymond K. Thompson, B.S., M.D., Associate in Neurosurgery and Director of Neurological Research.
 Wilfred H. Townshend, Jr., A.B., M.D., Associate in Medicine.
 Isadore Tuerk, M.D., Associate in Psychiatry.
 William K. Waller, M.D., Associate in Medicine.
 Arthur Ward, M.D., Associate in Otolaryngology.
 Daniel Wilfson, Jr., A.B., M.D., Associate in Medicine.
 Austin H. Wood, M.D., Associate in Urology.
 John D. Young, Jr., M.D., Associate in Urology.¹
 Joseph B. Workman, A.B., M.D., Associate in Medicine.

Effective appointment dates: Associates

^{1d} May 1, 1952 to March 31, 1953.

⁵ Died Feb. 28, 1952.

^{6b} On military leave, Aug. 15, 1952.

LECTURERS

Harold E. Himwich, M.D., Lecturer in Physiology and Psychiatry.³
Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.
Joseph M. Miller, M.D., Lecturer in Surgery.
William H. Summerson, Ph.D., Lecturer in Biological Chemistry.
J. Henry Wills, Ph.D., Lecturer in Physiology.¹

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
David Bacharach, A.B., M.D., Instructor in Dermatology.^{1c}
Ruth W. Baldwin, M.D., Instructor in Pediatrics and Director Pediatric Seizure Clinic.²
Jeanne Ann Barry, A.B., Junior Instructor in Physiology.
Harry McB. Beck, M.D., Instructor in Gynecology, and Assistant in Obstetrics.
Klaus W. Berblinger, M.D., Instructor in Psychiatry.^{1d, 3}
Joseph G. Bird, A.B., M.D., Instructor in Medicine.²
Melvin N. Borden, M.D., Instructor in Pediatrics.²
Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
John T. Brackin, B.S., M.D., Instructor in Roentgenology.
George H. Brouillet, B.S., M.D., Instructor in Surgery.
Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
J. E. Brumback Jr., B.S., M.D., Instructor in Ophthalmology.
William J. Bryson, A.B., M.D., Instructor in Pathology.
Bernard Burgin, A.B., M.D., Instructor in Medicine.²
Enoch Calloway, Jr., A.B., M.D., Instructor in Psychiatry.
Lester H. Caplan, M.D., Instructor in Pediatrics.¹
Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.
John W. Chambers, M.D., Instructor in Neurosurgery, Assistant in Surgery.
Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.
Morris M. Cohen, M.D., Instructor in Dermatology.
Herbert B. Copeland, M.D., Instructor in Roentgenology.¹
Joseph M. Cordi, M.D., Instructor in Pediatrics.
John F. Cox, III, M.D., Instructor in Medicine.²
Robert M. N. Crosby, M.D., Instructor in Neurosurgery.²
Richard J. Cross, B.S., M.D., Instructor in Ophthalmology and Otolaryngology.
Raymond M. Cunningham, A.B., M.D., Instructor in Anatomy, Proctology and Pathology; Assistant in Surgery.
George H. Davis, B.S., M.D., Instructor in Obstetrics.
John R. Davis, M.D., Instructor in Medicine.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
Michael L. DeVincentis, B.S., M.D., Instructor in Surgery.²
William A. Dodd, M.D., Instructor in Gynecology, and Assistant in Obstetrics.
Charles H. Doeller, Jr., A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
William C. Duffy, A.B., M.D., Instructor in Gynecology.
Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.
Maurice Feldman, Jr., A.B., M.D., Instructor in Medicine.
Edward G. Field, M.D., Instructor in Pediatrics.²

³ Resigned Sept. 4, 1951.

- Morris A. Fine, M.D., Instructor in Medicine.⁵
 William N. Fitzpatrick, M.D., Instructor in Psychiatry.^{2a, 1}
 Philip D. Flynn, M.D., Instructor in Medicine.
 Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.
 Joseph E. Furnari, M.D., Instructor in Medicine.
 Perry O. Futterman, A.B., M.D., Instructor in Medicine.
 L. Calvin Gareis, B.S., M.D., Instructor in Pathology and Obstetrics, Assistant in Gynecology.
 Richard M. Garrett, M.D., Instructor in Surgical Anatomy.²
 Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
 Howard Goodman, M.D., Instructor in Pediatrics.²
 Louis E. Goodman, M.D., Instructor in Surgery.
 H. L. Granoff, A.B., M.D., Instructor in Gynecology.
 Isaac Gutman, Instructor in Orthopaedic Surgery.
 Samuel J. Hankin, M.D. Instructor in Medicine.
 Charles W. Hawkins, M.D., Instructor in Anatomy.
 Mary L. Hayleck, M.D., Instructor in Pediatrics.
 Robert F. Healy, M.D., Instructor in Surgery.
 Donald B. Hebb, M.D., Instructor in Proctology and Assistant in Surgery and Thoracic Surgery.
 William G. Helfrich, B.S., M.D., Instructor in Medicine.
 L. Ann Hellen, B.S., Instructor in Medicine.
 Sylvia Himmelfarb, A.B., Instructor in Physiology.
 Mark B. Hollander, A.B., M.D., Instructor in Dermatology and Syphilology.
 DeWitt T. Hunter, Jr., B.S., M.D., Instructor in Anatomy.¹
 Calvin Hyman, M.D., Instructor in Surgery.
 Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.
 Marshall I. Kader, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 Edward S. Kallins, B.S., M.D., Instructor in Medicine.
 William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
 Harry F. Kane, M.D., Instructor in Gynecology.
 Theodore Kardash, B.S., M.D., Instructor in Gynecology and Pathology.
 Clyde F. Karns, B.S., M.D., Instructor in Surgery.
 Irvin B. Kemick, B.S., Ph.G., M.D., Instructor in Medicine.
 Lauriston L. Keown, M.D., Instructor in Medicine.²
 Leon A. Kochman, M.D., Instructor in Medicine.
 Schuyler G. Kohl, B.S., M.D., Instructor in Obstetrics.
 Edward L. J. Kreig, M.D., Instructor in Pathology.
 A. Kremen, A.B., M.D., Instructor in Ophthalmology.
 Arnold F. Lavenstein, Instructor in Pediatrics.
 Algert P. Lazauskas, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 Franklin E. Leslie, A.B., M.D., Instructor in Medicine.²
 F. Ford Loker, B.S., M.D., Instructor in Surgery.
 Helen I. Maginnis, M.D., Instructor in Gynecology.
 Charles B. Marek, M.D., Instructor in Gynecology.
 Marion W. Mathews, A.B., M.S., M.D., Instructor in Psychiatry.
 Robert E. McCafferty, B.S., M.S., Ph.D., Instructor in Anatomy.
 Francis J. McLaughlin, M.D., Instructor in Psychiatry.

⁵ Died June 4, 1952.

- D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.⁶
José Medina, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
James P. Miller, M.D., Instructor in Orthopaedic Surgery.^{1a}
Stanley Miller, B.A., M.D., Instructor in Medicine.^{1d}
Donald W. Mintzer, M.D., Instructor in Medicine.²
J. Duer Moores, B.S., M.D., Instructor in Surgery.
William H. Mossberg, Jr., M.D., Instructor in Neurosurgery.¹
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
James J. Nolan, B.S., M.D., Instructor in Medicine.
Samuel Novey, M.D., Instructor in Psychiatry.
John S. Osborne, M.D., Instructor in Medicine.
Frank J. Otenasek, M.D., Instructor in Neuro-Surgery.
Robert T. Parker, A.B., M.D., Instructor in Medicine.
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
James H. Ramsey, M.D., Instructor in Pathology.²
Daniel R. Robinson, M.D., Instructor in Surgery.
Robert C. Rodgers, M.D., Instructor in Pathology.^{1b, 3}
John D. Rosin, A.B., M.D., Instructor in Proctology.¹
Seymour W. Rubin, M.D., Instructor in Pathology.
William J. Rysanek, Jr., M.D., Instructor in Gynecology.
Clarence P. Scarborough, M.D., Instructor in Surgery.
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Leonard Scherlis, B.S., M.D., Instructor in Medicine¹ and Pediatrics.
J. King B. E. Seegar, Jr., A.B., M.D., Instructor in Obstetrics.
Charles E. Shaw, M.D., Instructor in Medicine.
Joseph C. Sheehan, B.S., M.D., Instructor in Gynecology ⁶
Robert C. Sheppard, M.D., Instructor in Surgery.
Jerome Sherman, M.D., Instructor in Medicine.
Elizabeth D. Sherrill, M.D., Instructor in Medicine.
E. Roderick Shipley, A.B., M.D., Instructor in Surgery.
Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
George W. Smith, B.S., M.D., Instructor in Anatomy, Assistant in Neuro-Surgery.¹
Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.
Merrill J. Snyder, B.S., Instructor in Bacteriology.
Nathan Snyder, Ph.G., M.D., Instructor in Anatomy.¹
Stuart D. Sunday, M.D., Instructor in Medicine.
William T. Supik, M.D., Instructor in Proctology.
Virginia Suttentfield, M.D., Instructor in Psychiatry.²
Robert B. Tunney, A.B., M.D., Instructor in Gynecology.
Roy B. Turner, B.S., M.D., Instructor in Pathology, and Neuro-Anatomy.
William D. VandeGrift, M.D., Instructor in Pathology.
Edmond G. Vanden Bosche, D.D.S., Instructor in Oral Surgery School of Dentistry.
Stephen J. Van Lill, III, A.B., M.D., Instructor in Medicine.
Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
Glady E. Wadsworth, B.S., M.A., Instructor in Anatomy.
Charles Herman Williams, M.D., Instructor in Medicine.

Frederick S. Wolf, M.D., Instructor in Neurology.

Harold L. Zupnick, M.D., Instructor in Surgery.²

ASSISTANTS

Robert C. Abrams, M.D., Assistant in Orthopaedic Surgery.

Fred B. Agee, M.D., Assistant in Medicine.

José A. Alvarez, M.D., Assistant in Neurological Surgery.

John J. Angelo, M.D., Assistant in Plastic Surgery.¹

A. Maynard Bacon, Jr., B.S., M.D., Assistant in Pediatrics.^{3b}

Nancy M. Balchun, Assistant in Art as Applied to Medicine.^{1b}

Harry McB. Beck, A.B., M.D., Assistant in Obstetrics.

Harold P. Biehl, M.D., Assistant in Surgery.

Joseph C. Blazek, A.B., M.D., Assistant in Medicine.^{1a}

Jane L. Bleakley, Assistant in Art as Applied to Medicine.

Jenifred S. Boehm, A.B., Assistant in Art as Applied to Medicine.^{3a}

Frances C. Brown, A.B., Assistant in Physiology.³

A. V. Buchness, A.B., M.D., Assistant in Surgery.

L. T. Chance, M.D., Assistant in Surgery.

James N. Cianos, M.D., Assistant in Surgery.

Raymond J. Clayton, Jr., Assistant in Art as Applied to Medicine.

Harry Cohen, B.S., M.D., Assistant in Obstetrics and Pathology.

Sarah Cook, A.B., M.D., Assistant Director Post Graduate Medicine and Assistant in Pediatrics.³

R. Adams Cowley, M.D., Assistant in Thoracic Surgery and Assistant Director Experimental Surgery.

Samuel H. Culver, M.D., Assistant in Surgery.

Martha Curtiss, B.S., R.N., Assistant in Medicine and Assistant Director, Medical Care Clinic.

E. Hollister Davis, A.B., M.D., Assistant in Anaesthesia.

Garrett E. Deane, M.D., Assistant in Pediatrics.^{1c}

Karl A. Dillinger, M.D., Assistant in Surgery.

William A. Dodd, B.S., M.D., Assistant in Obstetrics.

William C. Dunnigan, A.B., M.D., Assistant in Surgery.

Daniel Ehrlich, A.B., M.D., Assistant in Obstetrics.¹

Frank Fariano, A.B., M.D., Assistant in Thoracic Surgery.¹

Vincent dePaul Fitzpatrick, Jr., A.B., M.D., Assistant in Obstetrics.^{1d}

Marjorie R. Fleitzer, M.S.S., Assistant in Psychiatric Social Work.

Joseph B. Ganey, M.D., Assistant in Surgery.^{1c}

William R. Geraghty, B.S., M.D., Assistant in Surgery.

Charles Richard Gilbert, M.D., Assistant in Gynecology.^{1c}

Marvin Goldstein, A.B., M.D., Assistant in Medicine.

Effective appointment dates: Instructors.

^{1a} Oct. 23, 1951.

^{2a} January 1, 1952.

^{1b} Sept. 1, 1951.

^{1c} Oct 1, 1951.

^{1d} Apr. 1, 1952.

^{3a} Resigned Jan. 31, 1952.

^{3b} Resigned June 3, 1952.

- Martin K. Gorten, A.B., M.D., Assistant in Pediatrics.¹
Angelina Guido, M.D., Assistant in Ophthalmology.^{1e}
Donald B. Hebb, A.B., M.D., Assistant in Surgery and Thoracic Surgery.
Frederick Heldrich, M.D., Assistant in Pediatrics.^{1e}
John H. Hirschfeld, M.D., Assistant in Otolaryngology.
Hermione Hunt Hawkins, M.A., Assistant in Clinical Psychology.
John A. Hightower, M.D., Assistant in Medicine.^{1e}
John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
Rollin C. Hudson, M.D., Assistant in Medicine.
Erwin R. Jennings, A.B., M.D., Assistant in Surgery.¹
Everett D. Jones, M.D., Assistant in Orthopaedic Surgery.
Arthur Kandel, M.S., Assistant in Clinical Psychology.
Vernon C. Kelley, A.B., M.D., Assistant in Obstetrics.
August Kiel, Jr., M.D., Assistant in Neurological Surgery.¹
Irvin P. Klemkowski, B.S., M.D., Assistant in Obstetrics.
Raymond M. Lauer, M.D., Assistant in Medicine.
Herbert Joseph Levickas, B.S., M.D., Assistant in Medicine.^{1e}
Alfred S. Lederman, Assistant in Gastro-Enterology.
Lee R. Lerman, M.D., Assistant in Dermatology.
Berton V. Lock, M.D., Assistant in Medicine.
W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
Clarence W. Martin, M.D., Assistant in Obstetrics.
Fern E. MacAllister, B.S., M.D., Assistant in Psychiatry.
Joseph Charles Matcher, A.B., M.D., Assistant in Medicine.^{1e}
Howard B. McElwain, M.D., Assistant in Surgery.
James R. McNinch, A.B., M.D., Assistant in Surgery.¹
Thomas D. Michael, M.D., Assistant in Surgery^{1e} and Otolaryngology.¹
Kirk Moore, M.D., Assistant in Surgery.¹
J. Carl Myers, M.D., Assistant in Medicine.¹
John C. Ozazewski, M.D., Assistant in Ophthalmology.
Sumner Malone Parham, M.D., Assistant in Obstetrics.^{1e}
Robert S. Penton, M.D., Assistant in Surgery.^{1e}
Harry P. Porter, M.D., Assistant in Otolaryngology.¹
Ross Z. Pierpont, M.D., Assistant in Surgery.
John M. Rehberger, M.D., Assistant in Otolaryngology.¹
James Russo, M.D., Assistant in Anaesthesiology.
Ernest Scher, M.D., Assistant in Obstetrics.^{1f}
Benson C. Schwartz, M.D., Assistant in Obstetrics.¹
James H. Shell, Jr., B.S., M.D., Assistant in Obstetrics¹ and Gynecology.¹
O. Walter Spurrier, M.D., Assistant in Pediatrics.
Vesta May Stevens, M.S.S., Assistant in Psychiatric Social Work.
Thomas McClelland Stevenson, Assistant in Art as Applied to Medicine.
Clyde D. Thomas, Jr., M.D., Assistant in Surgery.¹
F. X. Paul Tinker, B.S., M.D., Assistant in Obstetrics.¹
T. J. Touhey, M.D., Assistant in Surgery.
Arnold Tramer, B.S., M.D., Assistant in Pediatrics.¹
Thomas C. Webster, B.S., M.D., Assistant in Obstetrics.¹
William Earl Weeks, M.D., Assistant in Pediatrics.
Jack Wexler, A.B., M.D., Assistant in Medicine.

J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
 Marcella Wiseman, M.S.S., Assistant in Psychiatric Social Work.
 Geraldine F. Wolfe, B.S., M.S., Assistant in Anatomy.
 Thomas Worsley, M.D., Assistant in Medicine.

RESEARCH ASSOCIATES

V. V. Brunst, Sc.D., Nat. Ins. of Health Research Associate in Anatomy.
 Kenneth F. Clute, M.D., P.H.S. and M & R Fund Research Associate in Pediatrics and Legal Medicine.^{1a}
 Betty J. Fax, Ph.D., Navy Psychiatric Research Fund Research Associate in Psychiatry.
 Ernest C. Herrmann, Jr., B.S., Atomic Energy Commission Research Associate in Bacteriology.^{1b}
 Moritz Michaelis, Ph.D., Army Chemical Center Research Associate in Psychiatry.
 John Walker Powell, Ph.D., Army Chemical (Center and Bressler Reserve Fund Research Associate in Psychiatry.²
 Nancy V. Reid, B.S., M.S., Ph.D., Bressler Reserve Fund Research Associate in Psychiatry.

FELLOWS

Frederick K. Bell, Ph.D., Fellow in Pharmacology.
 Brigitte E. Blankenhorn, B.A., U. S. P. H. Service Research Fellow in Physiology.¹¹
 Francis J. Borges, M.D., Fellow in Medicine (part-time).¹
 Leonard S. Brahen, B.S., M.S., Fellow in Pharmacology.
 Joseph B. Bronushas, M.D., Fellow in Medicine (part-time).¹
 Mary Frances Byrd, A.B., Fellow in Pharmacology.^{1f}
 Ruth Page Edwards, A. B., A. M. Ph.D., Fellow in Psychology.^{1e, 1}
 Richard F. C. Egan, M.S., John F. B. Weaver Fellow in Physiology.^{3a}
 William G. Esmond, B.S., M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.¹
 Mary S. Fassel, A.B., Fellow in Pharmacology.
 Joseph C. Fitzgerald, M.D., Fellow in Medicine (part-time).¹
 Vernon M. Gelhaus, John F. B. Weaver Fellow in Anatomy.^{1a}
 Alvin Nathan Geser, B.S., Bressler Reserve Fund Fellow in Biological Chemistry.^{1e, 3b}
 Martin K. Gorten, M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.
 Calvin Y. Hadidian, A.B., M.D., Hitchcock Fellow in Thoracic Surgery.¹
 John B. Harmon, B.S., Emerson Fellow in Pharmacology.^{1b, 3c}
 Dorothy H. Hubbard, A.B., M.S., Ph.D., Research Corporation and Bressler Reserve Fund Post Doctorate Fellow in Biological Chemistry.²
 Marvin Jaffee, M.D., Fellow in Psychiatry.
 Theodore Kardash, B.S., M.D., Research Fellow in Gynecological Pathology.

Effective appointment date: Assistants.

^{1a} Oct. 1, 1951.

^{1b} Feb. 1, 1952.

^{1c} Jan. 1, 1952.

^{1d} Sept. 1, 1951.

^{1e} Oct. 22, 1951.

^{1f} Oct. 1, 1951.

Effective appointment dates, Research Associates.

^{1a} Feb. 1, 1952.

^{1b} Jan. 7, 1952.

Frederick Go-Kiatsu, B.S., M.D., Fellow in Pediatrics.
 Gerald Kessler, B.S., Nutrition Foundation Fellow in Biological Chemistry.
 August Kiel, Jr., M.D., Hitchcock Fellow in Neurosurgery.¹¹
 Johnson S. L. Ling, A.B., M.S., Eli Lilly Fellow in Pharmacology.*
 Go Lu, M.D., Fellow in Pharmacology.¹²
 Pomeroy Nichols, Jr., M.D., Fellow in Neurosurgery.³
 Armando Ortiz, M.D., Fellow in Neurosurgery.¹⁰
 George C. Peck, A.B., John F. B. Weaver Fellow in Anatomy.^{1a}
 Henry D. Perry, Jr., M.D., Fellow in Medicine (part-time).^{1j}
 Gerardo B. Polanco, M.D., National Cancer Institute Trainee in Pathology.
 Alfred Joseph Pratt, B.S., John F. B. Weaver Fellow in Physiology.^{1d}
 Aubrey Richardson, M.D., Fellow in Medicine (part-time).¹
 Arthur H. Schmale, Jr., M.D., National Institute of Mental Health Fellow in
 Psychiatry.^{1b}
 Joseph E. Shuman, Fellow in Infectious Diseases.^{1k}
 Robert T. Singleton, Fellow in Infectious Diseases.^{1k}
 Thomas A. Stebbins, A.B., Medical Illustrator in Oncology and Gynecology. P.H.S.
 Cancer Teaching Program.
 Virginia Sutenfield, M.D., Fellow in Psychiatry.^{3a}
 Kyle W. Swisher, Jr., M.D., Fellow in Medicine (part-time).¹
 Roy B. Turner, M.D., Fellow in Neurosurgery.
 Frank D. Vasington, A.B., M.S., Bressler Reserve Fund Fellow in Biological Chemistry.¹
 Robert T. Walker, M.D., Fellow in Medicine.
 Annemarie Weber, U.S.P.H., Fellow in Physiology.³
 Elizabeth A. Winiarz, M.D., Fellow in Psychiatry.^{1m}
 Joseph B. Workman, A. B., M.D., Research Fellow in Medicine.

CONSULTANTS

Robert W. Swain, B.S., Consultant in Radiologic Physics.^{1a}
 Gordon Leslie Lippitt, B.S., M.A., M.D., Consultant in Psychiatry.^{1b}

Effective appointment dates; Fellows.

^{1a} June 1 to Aug. 31, 1952.

^{1b} June 1, 1952 to May 31, 1953.

^{1c} Nov. 1, 1951.

^{1d} Oct. 1, 1951.

^{1e} Sept. 1, 1951.

^{1f} Jan. 1, 1952.

^{1g} Sept. 1, 1952 to Aug. 31, 1953.

^{1h} Sept. 1, 1952 to Aug. 31, 1953.

¹ⁱ Jan. 1 to June 30, 1952.

^{1j} Jan. 1 to June 30, 1953.

^{1k} June 1 to Aug. 15, 1952.

^{1l} July 1 to Aug. 31, 1952.

^{1m} Sept. 15, 1951.

⁸ Resigned.

^{3a} Resigned Sept. 14, 1951.

^{3b} Resigned Nov. 30, 1951.

^{3c} Resigned Aug. 31, 1952.

* Half time.

Effective appointment dates: Consultants.

^{1a} Oct. 1, 1951.

^{1b} Oct. 22, 1951.

RESEARCH ASSISTANTS

- Elizabeth Anne Adams, Bressler Reserve Fund Research Assistant in Psychiatry.^{1o}
 Maryanne E. Berger, Research Assistant in Anatomy.^{1k}
 Bernard D. Blaustein, B.S., M.A., Research Assistant in Legal Medicine.^{1b}
 Abraham B. Brody, A.B., A.M., Ph.D., Research Assistant in Psychiatry.^{1o}
 Catherine S. Brunst, A.B., Research Assistant in Anatomy.
 Delma Phelps Decsi, B.A., Research Assistant in Biological Chemistry.^{3a}
 José Cecilio Echiandia, Research Assistant in Medicine.^{1a}
 Arthur J. Fisk, B.S., Research Assistant in Legal Medicine.^{1b}
 Ella Freytag, Research Assistant in Legal Medicine.¹
 Jean D. Gardenier, A.B., Research Assistant in Biological Chemistry.
 Awilda Gay, B.S., Research Assistant in Medicine.^{1o}
 Joseph J. Geller, M.D., Research Assistant in Psychiatry.^{1f}
 Eleanor G. B. Glinos, A.B., Research Assistant in Biological Chemistry.^{1d}
 Carolyn F. Hendrickson, B.S., Research Assistant in Physiology.^{1d, 1}
 June E. Hunt, Research Assistant in Psychiatry.^{1g}
 Norma Mary Keigler, B.S., Research Assistant in Bacteriology.¹¹
 Joseph B. Margolin, Research Assistant in Psychiatry.^{1f}
 Anne McNicholas Laster, A.B., Bressler Reserve Fund Research Assistant in Pediatrics.
 Doris H. Markley, A.B., Research Assistant in Psychiatry.^{1p}
 Jack H. Mendelson, Research Assistant in Psychiatry.^{1j}
 Irwin H. Moss, A.B., Research Assistant in Medicine.¹¹
 Dorothy M. Peterson, Research Assistant in Medicine.¹ⁿ
 Edwin L. Poole, B.S., Research Assistant in Psychiatry.¹
 Jeannette F. Rayner, Research Assistant in Psychiatry.
 Mary V. Reed, A.B., A.M., Research Assistant in Bacteriology.¹
 Elizabeth R. Steele, A.B., Research Assistant in Anatomy.^{3a 1q}
 Patricia S. Thorpe, B.A., Research Assistant in Biological Chemistry.^{1r}
 Barbara Elizabeth Todd, A.B., Research Assistant in Psychiatry.¹ⁿ
 Albert L. Trucker, A.B., Bressler Reserve Fund Research Assistant in Pediatrics.^{1a}

Effective appointment dates: Research Assistants.

^{1a} June 8 to Sept. 17, 1952.

^{1b} May 19 to Sept. 18, 1952.

^{1o} Dec. 1, 1951 to Aug 31, 1952.

^{1d} April 1, 1951.

^{1e} Sept. 10, 1951.

^{1f} June 2 to June 21, 1952.

^{1g} June 9, 1952 to June 30, 1953.

^{1b} Feb. 15, 1952.

^{1j} June 1 to Aug. 31, 1952.

^{1k} June 16 to Sept. 15, 1952.

¹¹ June 1 to Sept. 15, 1952.

^{1m} Apr. 15, 1952.

¹ⁿ Feb. 11, 1952.

^{1o} June 9 to Aug. 16, 1952.

^{1p} Aug. 1, 1952.

^{1q} July 1, 1952 to Jan. 31, 1953 (part time).

^{1r} June 8 to Sept. 17, 1952.

^{3a} Resigned Apr. 15, 1952.

Frank D. Vasington, B.S., M.S., Bressler Reserve Fund Research Assistant in Biological Chemistry.¹

Floris de Balbian Verster, B.S., Research Assistant in Psychiatry.¹

Herbert C. Wagner, Research Assistant in Anatomy.^{1a}

Margaret Lucille Ward, A.B., M.SS., Research Assistant in Pediatrics.³

Amy Lee Wells, R.N., Research Assistant in Gynecological Pathology.

Priscilla Rae Wilson, A.B., Research Assistant in Anatomy.

Robert C. Wood, B.A., M.S., Bressler Reserve Fund Research Assistant in Bacteriology.¹

Richard A. Young, M.D., Research Assistant in Pediatrics.³

^{1a} July 1 to Aug. 31, 1952.

UNIVERSITY HOSPITAL

GEORGE H. BUCK, *Director*
 JAMES L. DACK, *Asst. Director*
 KURT H. NORK, *Asst. Director*

EXECUTIVE COMMITTEE OF THE STAFF

EDWARD F. COTTER, *Chairman*
 FRANCIS G. DICKEY, *Secretary-Treasurer*

J. EDMUND BRADLEY	WALTER L. KILBY
LOUIS H. DOUGLASS	F. EDWIN KNOWLES, JR.
CHARLES REID EDWARDS	MAURICE C. PINCOFFS
JACOB E. FINESINGER	MILTON S. SACKS
J. MASON HUNDLEY, JR.	GEORGE H. YEAGER

<i>Elected Members</i>	<i>Term Expires</i>
JAMES G. ARNOLD, JR.....	1952
ERNEST I. CORNBROOKS, JR.....	1952
EVERETT G. DIGGS.....	1953
WILLIAM G. HELFRICH.....	1953
Harry C. Bowie.....	1954
W. Kennedy Waller.....	1954
GEORGE H. BUCK, <i>Director, University Hospital</i>	} <i>Ex officio members</i>
H. BOYD WYLIE, <i>Dean, School of Medicine</i>	

UNIVERSITY HOSPITAL STAFF

Physician-in-Chief..... MAURICE C. PINCOFFS

<i>Physicians</i>	(	THOMAS P. SPRUNT
		T. NELSON CAREY
		LOUIS A. M. KRAUSE
		WILLIAM S. LOVE, JR.
		MILTON S. SACKS
		LEWIS P. GUNDRY
		THEODORE E. WOODWARD
		EDWARD F. COTTER
		EPHRAIM T. LISANSKY
		SAMUEL T. R. REVELL, JR.
	HOWARD M. BUBERT	
	SAMUEL MORRISON	
	FRANK J. GERAGHTY	
	JAMES R. KARNES	
	C. EDWARD LEACH	

<i>Neurologists</i>	(	IRVING J. SPEAR
		LEON FREEDOM
		WILLIAM L. FEARING
		EDWARD F. COTTER
	GEORGE G. MERRILL	

Dermatologist-in-Chief..... HARRY M. ROBINSON, SR.

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	FRANCIS A. ELLIS HARRY M. ROBINSON, JR. A. ALBERT SHAPIRO ISRAEL ZELIGMAN EUGENE S. BERESTON
<i>Dermatologists</i>	
<i>Psychiatrist-in-Chief</i>	JACOB E. FINESINGER
	H. WHITMAN NEWELL KATHRYN L. SCHULTZ
<i>Psychiatrists</i>	EPHRIAM T. LISANSKY MAURICE H. GREENHILL GEORGE F. SUTHERLAND
<i>Pediatrician-in-Chief</i>	J. EDMUND BRADLEY
	C. LORING JOSLIN GORDON E. GIBBS
<i>Pediatricians</i>	A. H. FINKELSTEIN WILLIAM M. SEABOLD ANNIE M. BESTEBREURTJE
<i>Pathologist-in-Chief</i>	HUGH R. SPENCER
	DEXTER L. REIMANN JOHN A. WAGNER
<i>Pathologists</i>	
<i>Surgeon-in-Chief</i>	CHARLES REID EDWARDS
	GEORGE H. YEAGER OTTO C. BRANTIGAN CHARLES A. REIFSCHNEIDER HARRY C. HULL
<i>Surgeons</i>	
<i>Neurological Surgeon-in-Chief</i>	JAMES G. ARNOLD, JR.
	RICHARD G. COBLENTZ RAYMOND K. THOMPSON
<i>Neurological Surgeons</i>	
<i>Laryngologist-in-Chief</i>	EDWARD A. LOOPER
	THOMAS R. O'ROURK FREDERICK T. KYPER
<i>Laryngologists</i>	
<i>Proctologist-in-Chief</i>	MONTÉ EDWARDS
<i>Proctologist</i>	THURSTON R. ADAMS
<i>Orthopedic Surgeon-in-Chief</i>	ALLEN F. VOSHELL
	MOSES GELLMAN HENRY F. ULLRICH MILTON J. WILDER JAMES P. MILLER
<i>Orthopedic Surgeons</i>	
<i>Urologist-in-Chief</i>	W. HOUSTON TOULSON
	LYLE J. MILLAN HOWARD B. MAYS JOHN D. YOUNG MARTIN A. ROBBINS
<i>Urologists</i>	
<i>Dental Surgeon-in-Chief</i>	BRICE M. DORSEY

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	{ MYRON S. AISENBERG
	{ JOSEPH C. BIDDIX
	{ HAROLD GOLTON
	{ JOSEPH P. CAPPUCCIO
	{ EDWARD C. DOBBS
<i>Dentists</i>	{ GRAYSON W. GAVER
	{ HUGH T. HICKS
	{ CONRAD L. INMAN
	{ ERNEST B. NUTTALL
	{ KENNETH V. RANDOLPH
	{ WILBUR O. RAMSEY
<i>Roentgenologist-in-Chief</i>	WALTER L. KILBY
<i>Roentgenologists</i>	{ CHARLES N. DAVIDSON
	{ DONALD J. BARNETT
	{ JOHN M. DENNIS
<i>Bronchoscopist-in-Chief</i>	EDWARD A. LOOPER
	{ THOMAS R. O'ROURK
	{ FREDERICK T. KYPER
<i>Bronchoscopists</i>	{ JOHN H. HIRSCHFELD
	{ RICHARD J. CROSS ⁶
	{ ROSS C. BROOKS
	{ THOMAS D. MICHAEL
<i>Otologist-in-Chief</i>	THOMAS R. O'ROURK
<i>Obstetricians-in-Chief</i>	{ LOUIS H. DOUGLASS
	{ D. FRANK KALTREIDER
	{ J. MORRIS REESE
	{ ISADORE A. SIEGEL
	{ JOHN E. SAVAGE
	{ HUGH B. McNALLY
<i>Obstetricians</i>	{ D. McCLELLAND DIXON
	{ J. K. B. E. SEEGAR
	{ LOUIS C. GAREIS
	{ GEORGE H. DAVIS
	{ J. HUFF MORRISON
<i>Ophthalmologist-in-Chief</i>	F. EDWIN KNOWLES, JR.
<i>Ophthalmologist</i>	PAUL N. FRIEDMAN
	{ RUBY A. SMITH
<i>Assistant Ophthalmologists</i>	{ J. E. BRUMBACK
	{ JOHN C. OZAZEWSKI
<i>Gynecologist-in-Chief</i>	J. MASON HUNDLEY, JR.
	{ LEO BRADY
	{ BEVERLEY C. COMPTON
<i>Gynecologists</i>	{ WILLIAM K. DIEHL
	{ EVERETT S. DIGGS
	{ ERNEST I. CORNBROOKS, JR.
<i>Oncologist-in-Chief</i>	J. MASON HUNDLEY, JR.

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1952 to June 30, 1953

- ROBERT K. ARTHUR, JR., B.S., M.D., *Assistant Resident in Obstetrics*
CHARLES BAGLEY, III, B.S., M.D., *Assistant Resident in Psychiatry*
WILLIAM W. BAIRD, B.S., M.D., *Assistant Resident in Gynecology*
FRANCIS J. BORGES, B.S., M.D., *Co-Resident in Medicine*
JOSEPH B. BRONUSHAS, B.S., M.D., *Assistant Resident in Medicine*
JAMES S. BROWNE, M.D., *Assistant Resident in Neurosurgery: Mercy Hospital, July 1, 1952 to December 31, 1952; University Hospital, January 1, 1953 to June 30, 1953*
DONALD B. CAMPBELL, M.D., *Assistant Resident in Obstetrics, assigned to Gynecology*
OMANA CHERIYAN, B.S., M.B., *Assistant Resident in Pediatrics*
SOLOMON COHEN, B.A., M.D., *Assistant Resident in Psychiatry*
JAMES L. EAVEY, B.S., M.D., *Assistant Resident in Gynecology*
ABRAHAM EISEN, B.A., M.D., *Assistant Resident in Obstetrics*
FRANK FARAINO, B.S., M.D., *Resident in Thoracic Surgery*
JOSEPH C. FITZGERALD, B.A., M.D., *Assistant Resident in Medicine*
JAMES P. GALLAHER, A.B., M.D., *Assistant Resident in Obstetrics*
F. SIDNEY GARDNER, JR., B.A., M.D., *Assistant Resident in Gynecology*
MARTIN K. GORTEN, A.B., M.D., *Resident in Pediatrics*
ANGELINA GUIDO, A.B., M.D., *Resident in Ophthalmology*
JOHN R. HANKINS, B.A., M.D., *Assistant Resident in Surgery*
ERWIN R. JENNINGS, A.B., M.D., *Co-Resident in Surgery*
J. PAUL JOHNSON, JR., B.A., M.D., *Assistant Resident in Obstetrics*
AUGUST KIEL, JR., M.D., *Assistant Resident in Neurosurgery: University Hospital, July 1, 1952 to December 31, 1952; Mercy Hospital, January 1, 1953 to June 30, 1953*
HOWARD C. KRAMER, M.D., *Assistant Resident in Surgery*
HENRY E. LANGENFELDER, B.A., M.D., *Assistant Resident in Surgery*
CHARLES W. MCGRADY, JR., A.B., M.D., *Assistant Resident in Surgery*
KATHLEEN R. MCGRADY, B.S., M.D., *Assistant Resident in Pediatrics*
JAMES R. MCNINCH, JR., A.B., M.D., *Co-Resident in Surgery*
WILLIAM M. MAGRUDER, B.S., M.D., *Resident in Psychiatry*
ARLIE R. MANSBERGER, JR., *Assistant Resident in Surgery*
GEORGE Y. MASSENBURG, M.D., *Assistant Resident in Surgery*
P. GOVINDA MENON, B.S., M.B., *Assistant Resident in Pediatrics*
RAUL MERCADO, JR., A.B., M.D., *Assistant Resident in Roentgenology*
THOMAS D. MICHAEL, M.D., *Resident in Otolaryngology*
EDUARDO MANUEL MORALES-VILÁ, B.S., M.D., *Assistant Resident in Obstetrics*
WILLIAM A. NIERMANN, M.D., *Assistant Resident in Pediatrics*¹
HENRY D. PERRY, JR., M.D., *Assistant Resident in Medicine*
WILLIAM F. PETERSON, M.D., *Assistant Resident in Gynecology, assigned to Obstetrics*
ALBERT M. POWELL, JR., M.D., *Assistant Resident in Pediatrics*²
HOWARD F. RASKIN, A.B., M.D., *Assistant Resident in Medicine*
HENRY G. REEVES, JR., B.S., MD., *Assistant Resident in Surgery*
EUGENE B. REX, M.D., *Assistant Resident in Otolaryngology*
AUBREY D. RICHARDSON, B.S., M.D., *Assistant Resident in Medicine*
BENSON C. SCHWARTZ, M.D., *Resident in Obstetrics*
ROGER D. SCOTT, M.D., *Assistant Resident in Surgery*
ROY K. SKIPTON, B.S., M.D., *Assistant Resident in Obstetrics*

¹ October 1, 1952 to June 30, 1953.² October 20, 1952.

HENRY H. STARTZMAN, JR., M.D., *Resident in Roentgenology*
 KYLE Y. SWISHER, JR., M.D., *Co-Resident in Medicine*
 JOSÉ G. VALDERAS, M.D., *Co-Resident in Gynecology*
 LESLIE A. WALKER, JR., M.D., *Co-Resident in Gynecology*

ROTATING INTERNS

CHARLES B. ADAMS, JR., B.S., M.D.	RICHARD C. PACKERT, A.B., M.D.
BENJAMIN A. ADELSTEIN, B.A., M.D.	JOHN R. PRYOR, B.S., M.D.
GEORGE C. ALDERMAN, B.S., M.D.	GILBERTO RAMIREZ-SANTISTEBAN, B.S., M.D.
TIMOTHY D. BAKER, B.A., M.D.	DAVID S. RASMUSSEN-TAXDAL, M.D.
SAMUEL W. DEISHER, B.A., M.D.	JOHN O. SHARRETT, M.D.
LEE W. ELGIN, JR., M.D.	URSULA T. SLAGER, B.A., M.D.
MICHAEL J. FOLEY, A.B., M.D.	GEORGE B. SMITH, JR., A.B., M.D.
L. FELIPE GONZALEZ, M.D.	GEORGE H. SMITH, A.B., M.D.
WILLIAM R. GRECO, B.S., M.D.	CLARENCE E. STENNETT, B.S., M.D.
WILLIAM L. HEIMER, B.S., M.D.	HARRY M. WALSH, B.S., M.D.
L. VIRGINIA HUNTER, B.A., M.D.	ALBERT J. WILDBERGER, A.B., M.D.
JOHN W. LOOPER, JR., M.D.	DONALD A. WOLFEL, B.S., M.D.

INTERN IN PEDIATRICS

HERBERT L. ECKERT, B.S., M.D.

DENTAL INTERNS

JOHN P. BURNS, B.S., D.D.S. MAURICE E. HINDS, D.D.S.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

KURT H. NORK *Director*

<i>Chief of Medical Clinic</i>	MAURICE C. PINCOFFS
<i>Assistant Chief, Medical Clinic</i>	JOSEPH C. FURNARI
<i>Consultants</i>	T. NELSON CAREY
	EDWARD F. COTTER
	WILLIAM K. WALLER
	LOUIS V. BLUM
	KURT LEVY
	ALVIN HARTZ
	JAMES R. KARNS
	JONAS COHEN
	JOHN B. DEHOFF
	ROBERT E. BAUER
	CHARLES H. WILLIAMS
<i>Physicians</i>	STEPHEN VAN LILL, III
	CHARLES E. SHAW
	JOSEPH G. BIRD
	DONALD MINTZER
	HERBERT LEVICUS
	CHARLES BLAZEK
	HENRY W. HOLLJES
	JOSEPH C. WORKMAN
	ROBERT T. PARKER
	WILLIAM F. COX, III

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*cont'd.*

<i>Chief of Gastro-Enterology Clinic</i>	FRANCIS G. DICKEY
<i>Assistant Gastro-Enterologist</i>	{ Z. VANCE HOOPER ALBERT J. SHOCHAT
<i>Chief of Neurology Clinic</i>	LEON FREEDOM
<i>Assistant Neurologists</i>	{ WILLIAM L. FEARING HARRY A. TEITELBAUM
<i>Chief of Chest Clinic</i>	MEYER W. JACOBSON
<i>Assistant, Diseases of the Lungs</i>	MANUEL LEVIN
<i>Assistants</i>	{ CHARLES E. SHAW JOSEPH G. BIRD PERRY O. FUTTERMAN
<i>Chief of Cardiovascular Clinic</i>	C. EDWARD LEACH
<i>Assistant Cardiologists</i>	{ WILFRED H. TOWNSEND ROLLIN C. HUDSON SIDNEY SCHERLIS STEPHEN J. VAN LILL, III JAMES J. NOLAN
<i>Chief of Allergy Clinic</i>	HOWARD M. BUBERT
<i>Assistant Chiefs of Allergy Clinic</i>	{ IRVIN B. KEMICK JEROME SHERMAN
<i>Assistant Allergists</i>	{ EDWARD S. KALLINS RAYMOND M. LAUER
<i>Chief of Endocrinology Clinic</i>	CONRAD B. ACTON
<i>Director of Dermatology and Syphilis Clinic</i> ...	HARRY M. ROBINSON, SR.
<i>Chief of Dermatology and Syphilis Clinic</i>	HARRY M. ROBINSON, JR.
<i>Dermatologists and Syphilologists</i>	{ FRANCIS A. ELLIS ISRAEL ZELIGMAN A. ALBERT SHAPIRO R. C. V. ROBINSON EUGENE S. BERESTON WILLIAM R. BUNDICK
<i>Assistant Dermatologists and Syphilologists</i>	{ MORRIS M. COHEN MARK B. HOLLANDER LEE R. LERMAN
<i>Chief of the Arthritis Clinic</i>	LEON A. KOCHMAN
<i>Director of Psychiatric Clinic</i>	MAURICE H. GREENHILL
<i>Director of Child Guidance Clinic</i>	H. WHITMAN NEWELL

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	{	KATHRYN L. SCHULTZ
		HANS W. LOEWALD
		EPHRIAM LISANSKY
		ISADORE TUERK
		RUDOLPH MARBURG
		SAM NOVEY
		G. S. INGALLS
<i>Assistant Psychiatrists</i>		LEON FERBER
	{	GERTRUDE GROSS
		ENOCH GALLAWAY, III
		WILLIAM N. FITZPATRICK
		MARION MATHEWS
		MARVIN JAFFE
		VIRGINIA SUTTONFIELD
		GEORGE F. SUTHERFIELD
		MANFRED S. GUTTMACHER
<i>Chief Roentgenologist</i>		WALTER L. KILBY
<i>Roentgenologists</i>	{	CHARLES N. DAVIDSON
		DONALD J. BARNETT
		JOHN M. DENNIS
<i>Director, Pediatric Clinic</i>		A. H. FINKELSTEIN
<i>Chief of Pediatric Clinic</i>		SAMUEL S. GLICK
	{	ARNOLD F. LAVENSTEIN
		THOMAS E. WEEKS
		J. CARLTON WICH
		HOWARD GOODMAN
<i>Assistant Pediatricians</i>		MELVIN N. BORDEN
		LESTER CAPLAN
		RUTH B. BALDWIN
		EDWARD FIELD
		GATTET E. DEANE
		FREDERICK HELDRICH
<i>Director, Pediatric Cardiac Clinic</i>		SIDNEY SCHERLIS
<i>Assistant Director, Pediatric Cardiac Clinic</i> . . .		GIBSON J. WELLS
<i>Assistant Pediatrician, Cardiac Clinic</i>		MARY HAYLECK
<i>Director, Pediatric Seizure Clinic</i>		RUTH B. BALDWIN
<i>Director, Pediatric Chest Clinic</i>		LOUIS V. BLUM
<i>Director, Developmental Clinic</i>		ANNIE M. BESTEBREURTJE
<i>Chief of Surgical Clinic</i>		ROBERT C. SHEPPARD
	{	SAMUEL E. PROCTOR
		WILLIAM B. SETTLE
<i>Assistant Surgeons</i>		KARL F. MECH
		JAMES N. CIANOS
		WILLIAM D. LYNN
		DAVID R. WILL
<i>Chief of Plastic Surgery</i>		EDWARD A. KITLOWSKI

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

<i>Chief of Orthopedic Surgery Clinic</i>	ALLEN FISKE VOSHELL
	{ MOSES GELLMAN
	{ HENRY F. ULLRICH
	{ MILTON J. WILDER
	{ JAMES P. MILLER
<i>Assistant Orthopedic Surgeons</i>	{ ROBERT C. ABRAMS
	{ EVERETT D. JONES
	{ JOHN J. TANSEY
	{ WILLIAM T. KERNAHAN, JR.
	{ ROBERT T. STANG
<i>Chief of Urology Clinic</i>	W. HOUSTON TOULSON
	{ JOHN F. HOGAN
	{ LYLE J. MILLAN
<i>Assistant Urologists</i>	{ HOWARD B. MAYS
	{ JOHN D. YOUNG, JR.
	{ MARTIN A. ROBBINS
<i>Chief of Otolaryngology Clinic</i>	BENJAMIN S. RICH
	{ SAMUEL L. FOX
<i>Otolaryngologists</i>	{ RICHARD J. CROSS ⁶
	{ THOMAS D. MICHAEL
<i>Chief of Proctology Clinic</i>	MONTE EDWARDS
	{ THURSTON R. ADAMS
	{ DONALD B. HEBB
<i>Assistant Proctologists</i>	{ WILLIAM J. SUPIK
	{ RAYMOND CUNNINGHAM
	{ JOHN D. ROSIN
<i>Chief of Gynecology Clinic</i>	J. MASON HUNDLEY, JR.
<i>Assistant Chief of Gynecology Clinic</i>	BEVERLEY C. COMPTON
	{ WILLIAM K. DIEHL
	{ EVERETT S. DIGGS
	{ ERNEST I. CORNBROOKS, JR.
<i>Assistant Gynecologists</i>	{ W. ALLEN DECKERT
	{ HELEN I. MAGINNIS
	{ CHARLES B. MAREK
	{ THEODORE KARDASH
	{ J. MASON HUNDLEY, JR.
	{ BEVERLEY C. COMPTON
<i>Female Cystoscopists</i>	{ WILLIAM K. DIEHL
	{ ERNEST I. CORNBROOKS, JR.
	{ EVERETT S. DIGGS
<i>Chief of Dental Clinic</i>	BRICE M. DORSEY
<i>Assistant Chief of Dental Clinic</i>	JOSEPH P. CAPPUCCIO

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

Chief of Obstetrical Clinic..... J. HUFF MORRISON

Assistant Chief of Obstetrical Clinic..... MARGARET B. BALLARD

	}	J. K. B. E. SEEGAR
		CHARLES H. DOELLER, JR.
		GEORGE H. DAVIS
		THEODORE KARDASH
		HARRY MCB. BECK
		WILLIAM A. DODD
		IRVIN P. KLEMKOWSKI
		CLARENCE W. MARTIN
<i>Assistant Obstetricians</i>		VERNON C. KELLY
		HARRY COHEN
	THOMAS C. WEBSTER	
	VINCENT DE P. FITZPATRICK	
	ERNEST SCHER	
	JAMES H. SHELL, JR.	
	F. X. PAUL TINKER	
	DANIEL EHRLICH	

Chief of Oncology Clinic, Gynecological Division. J. MASON HUNDLEY, JR.

	}	BEVERLEY C. COMPTON
		WILLIAM K. DIEHL
<i>Assistants in Gynecological Division</i>		ERNEST I. CORNBROOKS, JR.
		EVERETT S. DIGGS

	}	ARTHUR G. SIWINSKI
		E. EUGENE COVINGTON
<i>Assistants in Surgical Division</i>		J. DUER MOORES
		EDWIN H. STEWART, JR.
		LOUIS E. GOODMAN

Chief of Vascular Clinic..... GEORGE H. YEAGER

Assistant Chief of Vascular Clinic..... RAYMOND CUNNINGHAM

Medical Consultant—Vascular Clinic..... LEWIS P. GUNDRY

Chief of Ophthalmology Clinic..... F. EDWIN KNOWLES, JR.

	}	PAUL N. FRIEDMAN
		RUBY A. SMITH
<i>Assistant Ophthalmologists</i>		D. J. MCHENRY ⁶
		J. E. BRUMBACK, JR.
		RICHARD J. CROSS ⁶
		JOHN C. OZAZEWSKI

Professor of Speech..... RAY EHRENSBERGER, Ph.D.

Associate Professor of Speech, University of Maryland at College Park..... MERLE ANSBERRY, Ph.D.

OUT-PATIENT REPORT JANUARY 1, 1951 TO JANUARY 1, 1952

<i>Departments</i>	<i>New Cases</i>	<i>Old Cases</i>	<i>Total</i>
Ailergy.....	133	4,855	4,988
Arthritis.....	33	282	315
Cardiology.....	157	1,311	1,468
Cystoscopy (Gyn).....	92	470	562
Cystoscopy (G.U.).....	67	153	220
Dermatology.....	1,959	4,995	6,954
Dep't "S".....	651	5,075	5,726
Diabetic.....	86	1,574	1,660
Ear, Nose & Throat.....	1,017	1,741	2,758
Endocrine.....	22	276	298
Eye.....	1,090	3,261	4,351
Gastro Intestinal.....	191	781	972
Genito Urinary.....	594	1,729	2,325
Gynecology.....	1,510	4,961	6,471
Hematology.....	35	401	436
Medicine.....	1,907	6,993	8,900
Neurology.....	87	377	464
Neuro Surgery.....	163	439	602
Obstetrics.....	1,531	14,923	16,454
Occupational Therapy.....	61	1,377	1,438
Oncology.....	263	1,767	2,030
Oral Surgery.....	223	590	813
Orthopedic.....	1,180	3,032	4,212
Pediatric.....	2,491	7,962	10,453
Pediatric Cardiology.....	38	239	277
Pediatric Chest.....	5	347	352
Pediatric Seizure.....	64	399	463
Physical Therapy.....	137	1,725	1,862
Plastic Surgery.....	20	25	45
Proctology.....	154	378	532
Psychiatry.....	207	2,432	2,639
Surgery.....	2,813	7,724	10,537
Tuberculosis.....	225	1,319	1,544
Vascular.....	96	556	652
Total.....	19,301	84,441	103,742

MEDICAL CARE CLINIC

UNIVERSITY HOSPITAL

Director.....HENRY W. D. HOLLJES
Assistant Director.....MARTHA CURTIS

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of

the Dispensary Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

4,606 public assistance clients have been assigned to this Clinic.

MERCY HOSPITAL

BOARD OF GOVERNORS

WALTER D. WISE, *Chairman*

MOTHER M. BERNADETTE
SISTER M. VERONICA
SISTER M. CARMEL
SISTER M. ELLEN MARIE
SISTER M. FRANCES LOUISE
SISTER M. DAMIAN
SISTER M. THOMAS

SISTER M. BRENDAN
HENRY F. BONGARDT
H. RAYMOND PETERS
MAURICE C. PINCOFFS
DANIEL J. PESSAGNO
EDWARD P. SMITH
ELLIOTT H. HUTCHINS

ADVISORY BOARD OF MERCY HOSPITAL

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HENRY C. EVANS
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H. C. BYRD
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RICHARD A. FROEHLINGER
WILLIAM L. GALVIN

AUGUST B. HANEKE
SAMUEL H. HOFFBERGER
JAMES W. McELROY
ALLEN W. MORTON
S. PAGE NELSON
THOMAS W. PANGBORN
WILLIAM F. SCHMICK

MERCY HOSPITAL STAFF

<i>Surgeon-in-Chief</i>	WALTER D. WISE
	{ ELLIOTT H. HUTCHINS
	{ D. J. PESSAGNO
	{ F. L. JENNINGS
<i>Surgeons</i>	{ R. W. LOCHER
	{ THOMAS R. CHAMBERS
	{ WILLIAM F. RIENHOFF
	{ HENRY F. BONGARDT
<i>Neurological Surgeon-in-Chief</i>	CHARLES BAGLEY, JR.
	{ RICHARD B. COBLENTZ
	{ JAMES D. ARNOLD, JR.
<i>Neurological Surgeons</i>	{ FRANK J. OTENASEK
	{ JOHN W. CHAMBERS
	{ RAYMOND K. THOMPSON
	{ I. O. RIDGELY
	{ JAMES W. NELSON
	{ HOWARD B. McELWAIN
<i>Associate Surgeons</i>	{ SIMON H. BRAGER
	{ JOHN A. O'CONNOR
	{ CHARLES W. MAXSON
	{ I. RIDGEWAY TRIMBLE
	{ RAYMOND F. HELFRICH
	{ JULIUS GOODMAN
	{ S. DEMARCO, JR.
	{ T. J. TOUHEY
	{ WILLIAM N. McFAUL, JR.
	{ MEYER H. ZURAVIN
	{ HOWARD L. ZUPNIK
	{ DANIEL R. ROBINSON
	{ JOSEPH V. JERARDI
<i>Assistant Surgeons</i>	{ WM. C. DUNNIGAN
	{ HAROLD H. BURNS
	{ WILLIAM L. GARLICK
	{ JOHN F. SCHAEFFER
	{ F. FORD LOKER
	{ PATRICK C. PHELAN, JR.
	{ MICHAEL L. DeVINCENTIS
	{ HAROLD P. BIEHL
	{ KIRK MOORE
<i>Thoracic Surgeon-in-Chief</i>	WILLIAM L. GARLICK
<i>Plastic Surgeons</i>	{ EDWARD A. KITLOWSKI
	{ CLARENCE P. SCARBOROUGH
<i>Ophthalmologist-in-Chief</i>	F. EDWIN KNOWLES, JR.
<i>Associate Ophthalmologist</i>	JOSEPH V. JEPPI
	{ M. RASKIN
<i>Associate Ophthalmologists and Otologists</i>	{ JOSEPH I. KEMLER
	{ F. A. PACIENZA

MERCY HOSPITAL STAFF—Cont'd.

<i>Consulting Rhinologists and Laryngologists</i>	{ W. RAYMOND MCKENZIE GEORGE W. MITCHELL
<i>Rhinologist and Laryngologist-in-Chief</i>	WAITMAN F. ZINN
<i>Associate Rhinologists and Laryngologists</i>	{ FAYNE A. KAYSER BENJAMIN S. RICH THEODORE A. SCHWARTZ BENJAMIN H. ISAACS ARTHUR WARD
<i>Assistant Rhinologist and Laryngologist</i>	{ JOHN M. REHBERGER HARRY P. PORTER
<i>Bronchoscopist-in-Chief</i>	WAITMAN F. ZINN
<i>Associate Bronchoscopist</i>	FAYNE A. KAYSER
<i>Assistant Bronchoscopists</i>	{ THEODORE A. SCHWARTZ ROBERT Z. BERRY
<i>Orthopaedic Surgeon-in-Chief</i>	H. L. ROGERS
<i>Associate Orthopaedic Surgeon</i>	HENRY F. ULLRICH
<i>Assistant Orthopaedic Surgeons</i>	{ I. H. MASERITZ J. H. GASKEL ISAAC GUTMAN EVERETT D. JONES
<i>Proctologist-in-Chief</i>	SIMON P. BRAGER
<i>Proctologist</i>	WILLIAM J. SUPIK
<i>Urologist-in-Chief</i>	KENNETH D. LEGGE
<i>Associate Urologists</i>	{ LEON K. FARGO FRANCIS W. GILLIS J. S. HAINES JOHN D. YOUNG, Jr. ³
<i>Dermatologist-in-Chief</i>	FRANCIS A. ELLIS
<i>Dermatologists</i>	{ EUGENE S. BERESTON R. C. V. ROBINSON WILLIAM R. BUNDICK
<i>Dentist</i>	J. D. FUSCO
<i>Consulting Dentist</i>	CONRAD L. INMAN
<i>Consulting Physician</i>	MAURICE C. PINCOFFS
<i>Consultant, Diseases of the Chest</i>	H. VERNON LANGELOTTIG
<i>Physician-in-Chief</i>	H. RAYMOND PETERS
<i>Physicians</i>	{ HARVEY G. BECK ⁵ THOMAS P. SPRUNT GEORGE MCLEAN J. SHELDON EASTLAND LOUIS A. M. KRAUSE THOMAS C. WOLFF T. NELSON CAREY SOL SMITH

³ Resigned June 1, 1952.⁵ Died Oct. 30, 1951.

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Associate Physicians</i>	{ HUBERT C. KNAPP ^{5a}
	BARTUS T. BAGGOTT
	WETHERBEE FORT
	HUGH J. WELCH
	S. EDWIN MULLER
<i>Assistant Physicians</i>	FREDERICK J. VOLLMER
	WILLIAM H. KAMMER
	S. A. TUMMINELLO
	J. HOWARD BURNS
	EARL L. CHAMBERS
<i>Gastro-Enterologist</i>	K. W. GOLLEY
	JOHN R. DAVIS, JR.
	J. EMMETT QUEEN
	JOHN C. OSBORNE
	ARTHUR KARFGIN
<i>Associate Gastro-Enterologist</i>	HENRY J. MARRIOTT
	JAMES J. NOLAN
	MAURICE FELDMAN, JR.
	E. ELLSWORTH COOK, JR.
	THADDIUS C. SIWINSKI ⁶
<i>Consulting Pediatrician</i>	MAURICE FELDMAN
<i>Pediatrician-in-Chief</i>	PHILIP D. FLYNN
<i>Associate Pediatrician</i>	EDGAR B. FRIEDENWALD
<i>Assistant Pediatricians</i>	FREDERICK B. SMITH
	G. BOWERS MANSDORFER
	JEROME FINEMAN
	O. WALTER SPURRIER
	ISRAEL P. MERANSKI
<i>Consulting Neurologist</i>	EDWARD L. FREY, JR.
	EARL WEEKS
	DONALD D. COOPER
	JOSEPH M. CORDI
	J. CARLTON WICH
<i>Associate Neurologists and³ Psychiatrists</i>	DAVID JOSEPHS ⁶
	ANDREW C. GILLIS
	HARRY GOLDSMITH
	PHILIP F. LERNER
	GEORGE G. MERRILL
<i>Anesthesiologist</i>	EDWARD L. SUAREZ-MURIAS
	FREDERICK S. WOLF ⁶
	JOHN C. BRICKNER
	WILLIAM A. RINN
	JAMES RUSSO
<i>Consulting Obstetrician</i>	EDWARD P. SMITH
<i>Obstetrician-in-Chief</i>	JOHN J. ERWIN

^{5a} Died Dec. 31, 1951.⁶ On Military Leave.

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Obstetricians</i>	{	THOMAS K. GALVIN
	{	FRANK K. MORRIS
	{	ERNEST S. EDLOW
	{	HUGH B. McNALLY
<i>Associate Obstetricians</i>	{	WILLIAM C. DUFFY
	{	CHARLES H. DOELLER, JR.
	{	WILLIAM A. DODD
	{	HARRY MCB. BECK
<i>Assistant Obstetricians</i>	{	JOSEPH C. SHEEHAN ⁶
	{	ROBERT B. TUNNEY
	{	J. HOWARD BURNS
	{	HARRY F. KANE
<i>Gynecologist-in-Chief</i>	{	WILLIAM J. RYSANEK, JR.
	{	THOMAS K. GALVIN
	{	EDWARD P. SMITH
	{	JOHN J. ERWIN
<i>Gynecologists</i>	{	FRANK K. MORRIS
	{	GEORGE A. STRAUSS, JR.
	{	ERNEST S. EDLOW
	{	CHARLES H. DOELLER, JR.
<i>Associate Gynecologists</i>	{	WILLIAM A. DODD
	{	HARRY MCB. BECK
	{	WILLIAM C. DUFFY
	{	GERALD A. GALVIN
<i>Assistant Gynecologists</i>	{	JOSEPH C. SHEEHAN
	{	ROBERT B. TUNNEY
	{	HARRY F. KANE
	{	WILLIAM J. RYSANEK, JR.
<i>Pathologist-in-Chief</i>	{	JOHN F. ULLSPERGER
	{	F. X. PAUL TINKER
	{	VINCENT DEPAUL
	{	WALTER C. MERKEL
<i>Pathologist</i>	{	HUGH R. SPENCER
<i>Clinical Pathologist</i>	{	H. T. COLLEMBERG
<i>Clinical Hematologist</i>	{	H. RAYMOND PETERS
<i>Clinical Biochemist</i>	{	CHARLES E. BRAMBEL
<i>Technicians</i>	{	SISTER PAULA MARIE
	{	SISTER M. CONRAD
	{	ELEANOR BEHR
	{	ELIZABETH JOHNSON
	{	CONSTANCE CHAPMAN
	{	FLORESE SAMORODIN
	{	MARY MEYER
	{	ANNE MURDOCK
	{	ANN SCOTT
	{	ELLEN GREEN
	{	EDITH RUIZ

⁶ On Military Leave.

MERCY HOSPITAL STAFF—*Con't.*

<i>Radiologist</i>	EDWARD R. DANA
<i>Technicians (X-ray)</i>	{ SISTER M. JULIENA ANN BROOKS SARA CROSS NANCY BARKSDALE RUTH MAY, R.N.

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1952—JUNE 30, 1953

RESIDENT STAFF

CLYDE D. THOMAS, JR., M.D.	<i>Resident Surgeon</i>
MIER BIZER, B.S., M.D.	<i>Associate Resident Surgeon</i>
LEONARD G. HAMBERRY, A.B., M.D.	<i>Senior Assistant Resident Surgeon</i>
WILLIAM B. REVER, JR., M.D.	<i>Senior Assistant Resident Surgeon</i>
ROBERT A. MOORE, JR., A.B., M.D.	<i>Junior Assistant Resident Surgeon</i>
ERNANI V. CERTEZA, A.A., M.D.	<i>Junior Assistant Resident Surgeon</i>
FRANK A. FARAINO, B.S., M.D.	<i>Resident in Thoracic Surgery</i>
JAMES S. BROWNE, M.D.	<i>Assistant Resident in Neurosurgery (July 1, 1952 to Dec. 31, 1952)</i>
AUGUST KIEL, JR., M.D.	<i>Assistant Resident in Neurosurgery (Jan. 1, 1953 to June 30, 1953)</i>
MARGARET L. HAMBERRY, B.A., M.D.	<i>Resident in Pathology</i>
ARTHUR R. FLEMING, B.S., M.D.	<i>Resident in Gynecology</i>
RUDOLPH M. ZANDER, M.D.	<i>First Assistant Resident in Gynecology and Obstetrics</i>
EDWARD M. BARCZAK, M.D.	<i>Second Assistant Resident in Gynecology and Obstetrics</i>
MARTINA-TIRONA-CERTEZA, A.A., M.D.	<i>Resident Pediatrician</i>
CHARLES R. IRELAND, M.D.	<i>Resident Physician</i>
GENEVIEVE M. TIRRELL, M.D.	<i>Assistant Resident Physician</i>

ROTATING INTERNES

ROBERT J. LYDEN, M.D.
MICHAEL K. QUINN, M.B., Bch, B.A.O.
CARLOS RODRIGUEZ, M.D.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF

<i>Dispensary Director</i>	SISTER M. ANITA ³
<i>Director of Surgical Clinic</i>	WALTER D. WISE
<i>Chief of Surgical Clinic</i>	HAROLD H. BURNS

³ Resigned June 1, 1952.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Con't.*

	{	I. RIDGEWAY TRIMBLE
		HOWARD L. ZUPNIK
		DANIEL R. ROBINSON
		JOSEPH V. JERARDI
		WILLIAM C. DUNNIGAN
		WILLIAM L. GARLICK
		JOHN F. SCHAEFFER
<i>Assistant Surgeons</i>	{	F. FORD LOKER
		PATRICK C. PHELAN
		ARTHUR G. SIWINSKI
		MELVIN F. POLEK
		MICHAEL L. DEVINCENTIS
		PAUL R. ZIEGLER
		HAROLD P. BIEHL
		KIRK MOORE
<i>Chief of Plastic Surgery</i>		EDWARD A. KITLOWSKI
<i>Assistant in Plastic Surgery</i>		CLARENCE P. SCARBOROUGH
<i>Chief of Urology Clinic</i>		KENNETH D. LEGGE
	{	FRANCIS W. GILLIS
<i>Assistant Urologists</i>		L. K. FARGO
		JOHN S. HAINES
		JOHN D. YOUNG, JR. ³
<i>Chief of Proctology Clinic</i>		SIMON H. BRAGER
<i>Assistant Proctologist</i>		WILLIAM J. SUPIK
<i>Chief of Orthopaedic Clinic</i>		HARRY L. ROGERS
	{	HENRY F. ULLRICH
<i>Assistant Orthopaedic Surgeons</i>		ISAAC GUTMAN
		JASON H. GASKEL
		I. H. MASERITZ
		EVERETT D. JONES
<i>Chief of Thoracic-Surgery Clinic</i>		WILLIAM L. GARLICK
<i>Chief of Neuro-Surgery Clinic</i>		CHARLES BAGLEY, JR.
	{	JOHN W. CHAMBERS
<i>Neuro-Surgeons</i>		FRANK J. OTENASEK
		RAYMOND K. THOMPSON
<i>Director of Medical Clinic</i>		H. RAYMOND PETERS
<i>Chiefs of Medical Clinic</i>	{	SOL SMITH
		S. EDWIN MULLER

³ Resigned June 1, 1952

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

	{	FREDERICK J. VOLLMER
		WILLIAM H. KAMMER
		JOHN R. DAVIS
		J. EMMETT QUEEN
		CHARLES F. O'DONNELL
Assistant Physicians.....	{	ARTHUR KARFGIN
		JOHN C. OSBORNE
		MAURICE FELDMAN, JR.
		JAMES J. NOLAN
		E. ELLSWORTH COOK, JR.
		THADDEUS C. SIWINSKI ⁶
Chief of Allergy Clinic.....		S. EDWIN MULLER
Chief of Cardiovascular Clinic.....		THOMAS C. WOLFF
Assistant Cardiologists.....	{	LEON ASHMAN
		HENRY J. MARRIOTT
Chief of Metabolism Clinic.....		J. SHELDON EASTLAND
Assistant in Metabolism Clinic.....		J. EMMETT QUEEN
Chief of Gastro-Enterology Clinic.....		MAURICE FELDMAN, SR.
Associate Gastro-Enterologist.....		PHILIP D. FLYNN
Director of Pediatric Clinic.....		FRED B. SMITH
Chief of Pediatric Clinic.....		G. BOWERS MANSDORFER
	{	ISRAEL T. MERANSKI
		O. WALTER SPURRIER
Assistant Pediatricians.....	{	EDWARD L. FREY, JR.
		EARL WEEKS
		JOSEPH CORDI
		DAVID JOSEPHS ⁶
Chief of Neurologic and Psychiatric Clinics.....		PHILIP F. LERNER
Associate Neurologist and Psychiatrist.....		GEORGE G. MERRILL
Consulting Psychiatrists.....	{	ANDREW C. GILLIS
		EDWARD L. SUAREZ-MURIAS
Assistant Neurologist and Psychiatrists.....	{	FRANK J. AYD, JR.
		JOHN C. BRICKNER
Director of Dermatology and Syphilis Clinic.....		FRANCIS A. ELLIS
	{	R. C. V. ROBINSON
Assistant Dermatologists and Syphilologists.....		EUGENE S. BERESTON
		WILLIAM R. BUNDICK
Oncologist.....		JAMES W. NELSON
Anticoagulant Clinic.....		CHARLES E. BRAMBEL
Director of Gynecology Clinic.....		THOMAS K. GALVIN
Chief of the Gynecology Clinic.....		FRANK K. MORRIS

⁶ On Military Leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

	{ J. J. ERWIN ERNEST S. EDLOW CHARLES H. DOELLER, JR. WILLIAM A. DODD HARRY F. KANE HARRY McB. BECK WILLIAM C. DUFFY
<i>Assistant Gynecologists</i>	{ JOSEPH C. SHEEHAN ⁶ ROBERT B. TUNNEY GERALD A. GALVIN JOHN M. PALESE JOHN F. ULLSPERGER F. X. PAUL TINKER VINCENT DePAUL FITZPATRICK, JR. ANTHONY DiPAULA
<i>Chief of Obstetrical Clinic</i>	{ JOHN J. ERWIN HARRY F. KANE WILLIAM A. DODD HARRY McB. BECK JOSEPH C. SHEEHAN ⁶ ROBERT B. TUNNEY WILLIAM J. RYSANEK, JR. ANTHONY DiPAULA JOHN F. ULLSPERGER VINCENT DePAUL FITZPATRICK, JR. J. BROOKE BOYLE, JR.
<i>Assistant Obstetricians</i>	{
	{ WAITMAN F. ZINN
<i>Chief Esophagoscopist</i>	{ FAYNE A. KAYSER
<i>Associate Esophagoscopist</i>	{
<i>Chief Rhinologist and Laryngologist</i>	{ WAITMAN F. ZINN THEODORE A. SCHWARTZ BENJAMIN H. ISAACS ARTHUR WARD ROBERT Z. BERRY JOHN M. REHBERGER HARRY P. PORTER
<i>Assistant Rhinologists and Laryngologists</i>	{
	{ M. RASKIN
<i>Chief of Ophthalmology Clinic</i>	{ F. A. PACIENZA JOSEPH V. JEPPI
<i>Assistant Ophthalmologists</i>	{
<i>Chief of Dental Clinic</i>	{ J. D. FUSCO
<i>Assistant Chief, Dental Clinic</i>	{ EDWARD R. STINEBERT
<i>Consulting Dentist</i>	{ CONRAD L. INMAN
	{ LEON HANNAN ALICE R. HANNAN
<i>Physiotherapists</i>	{
<i>Director Social Service Department</i>	{ SISTER M. SCHOLASTICA

⁶ On Military Leave.

MEDICAL CARE CLINIC

MERCY HOSPITAL

Director.....S. EDWIN MULLER
Assistant Director.....FRANCES V. LOUGHNEY

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Medical Care Clinic at Mercy Hospital is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Arrangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends to him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Staff at Mercy are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

MERCY HOSPITAL OUT-PATIENT DEPARTMENT REPORT
 JANUARY 1, 1951 TO JANUARY 1, 1952

<i>Departments</i>	<i>New Cases</i>	<i>Old Cases</i>	<i>Total</i>
Allergy.....	11	50	61
Bronchoscopic.....	312	537	849
Cardiology.....	33	293	326
Dental.....	162	135	297
Dermatology.....	270	765	1,035
Diabetic.....	36	609	645
Gastro-intestinal.....	47	142	189
Genito-urinary.....	75	227	302
Gynecology.....	358	1,172	1,530
Medical Care.....	203	0	203
Medicine.....	634	2,891	3,525
Neurology.....	127	478	605
Neuro-surgery.....	36	68	106
Ophthalmology.....	331	437	768
Orthopaedics.....	211	559	770
Pediatrics.....	629	1,584	2,213

MERCY HOSPITAL OUTPATIENT DEPARTMENT REPORT—*Cont'd.*

<i>Departments</i>	<i>New Cases</i>	<i>Old Cases</i>	<i>Total</i>
Physiotherapy.....	30	402	432
Plastic Surgery.....	2	1	3
Postnatal.....	235	2	237
Prenatal.....	353	2,707	3,060
Proctology.....	61	101	162
Rhinolaryngology.....	491	588	1,079
Surgery.....	1,028	2,753	3,781
Surgical Follow-Up.....	145	514	659
Total.....	5,822	17,015	22,837

THE BALTIMORE CITY HOSPITALS

STAFF, 1952-1953

PARKER J. McMILLIN, *Superintendent*

<i>Surgeon-in-Chief</i>	OTTO C. BRANTIGAN, M.D.
<i>Visiting Surgeons</i>	{ JAMES C. OWINGS, M.D. I. RIDGEWAY TRIMBLE, M.D. AMOS KOONTZ, M.D. THURSTON R. ADAMS, M.D. HARRY C. BOWIE, M.D. DONALD B. HEBB, M.D.
<i>Visiting Thoracic Surgeon</i>	{ WILLIAM L. GARLICK, M.D. R. ADAMS COWLEY, M.D.
<i>Consultant in Traumatic Surgery</i>	C. A. REIFSCHNEIDER, M.D.
<i>Visiting Hand Surgeon</i>	RAYMOND M. CURTIS, M.D.
<i>Visiting Gastro-Enterologist</i>	FRANCIS DICKEY, M.D.
<i>Visiting Neuro-Surgeons</i>	{ CHARLES BAGLEY, JR., M.D. RICHARD G. COBLENTZ, M.D. JAMES G. ARNOLD, M.D.
<i>Assistant Visiting Neuro-Surgeon</i>	R. K. THOMPSON, M.D.
<i>Consultant in Plastic Surgery</i>	EDWARD A. KITLOWSKI, M.D.
<i>Visiting Plastic Surgeon</i>	CLARENCE P. SCARBOROUGH, M.D.
<i>Visiting Proctologist</i>	MONTE EDWARDS, M.D.
<i>Visiting Urologists</i>	{ W. HOUSTON TOULSON, M.D. HUGH JEWITT, M.D. HOWARD B. MAYS, M.D.
<i>Assistant Visiting Urologist</i>	JOHN D. YOUNG, M.D.
<i>Consulting Gynecologist</i>	J. MASON HUNDLEY, JR., M.D.
<i>Visiting Gynecologist</i>	BEVERLEY C. COMPTON, M.D.
<i>Visiting Proctologist</i>	MONTE EDWARDS, M.D.
<i>Assistant Visiting Gynecologists</i>	{ WILLIAM K. DIEHL, M.D. EVERETT S. DIGGS, M.D. THEODORE KARDASH, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Visiting Orthopedic Surgeons</i>	{ ALLEN F. VOSHELL, M.D. MILTON J. WILDER, M.D.
<i>Assistant Visiting Orthopedic Surgeons</i>	{ ISAAC A. GUTMAN, M.D. EVERETT D. JONES, M.D.
<i>Visiting Otolaryngologists</i>	{ JOHN BORDLEY, M.D. FRED T. KYPER, M.D. ALFRED T. LIEBERMAN, M.D.
<i>Assistant Visiting Otolaryngologists</i>	JOHN H. HIRSCHFELD, M.D.
<i>Visiting Ophthalmologist</i>	CHARLES E. ILIFF, JR., M.D.
<i>Visiting Oncologist</i>	ARTHUR G. SIWINSKI, M.D.
<i>Visiting Anesthesiologists</i>	{ ALFRED T. NELSON, M.D. THEODORE STACY, M.D. LEONARD ABRAMOVITZ, M.D.
<i>Consultant in Peripheral Vascular Diseases</i>	GEORGE H. YEAGER, M.D.
<i>Chief Pathologist</i>	C. GARDNER WARNER, M.D. ^{3a}
<i>Visiting Neuropathologist</i>	JOHN A. WAGNER, M.D.
<i>Consultant in Psychiatry</i>	ESTHER L. RICHARDS, M.D.
<i>Chief Radiologist</i>	JOHN DECARLO, JR., M.D.
<i>Chief Pediatrician</i>	HAROLD E. HARRISON, M.D.
<i>Assistant Chief Pediatrician</i>	LAURENCE FINBURG, M.D.
<i>Visiting Pediatricians</i>	{ MILTON MARKOWITZ, M.D. ARNOLD TRAMER, M.D.
<i>Chief Hospital Physician—Tuberculosis</i>	H. VERNON LANGELOTTIG, M.D.
<i>Assistant Hospital Physician—Tuberculosis</i>	EDMUND G. BEACHAM, M.D.
<i>Visiting Physicians—Tuberculosis</i>	{ ALVIN S. HARTZ, M.D. JOHN H. HIRSCHFELD, M.D.
<i>Chief Physician, Acting</i>	C. HOLMES BOYD, M.D.
<i>Assistant Chief Physician</i>	HOWARD K. RATHBUN, M.D.
<i>Visiting Physicians</i>	{ LOUIS A. M. KRAUSE, M.D. WILLIAM G. SPEED, III, M.D. CRAWFORD N. KIRKPATRICK, M.D. EARNEST GROSS, M.D. JOSEPH KING, M.D.
<i>Assistant Visiting Physicians (USPHS)</i>	{ JOHN H. MILLER, M.D. DONALD M. WATKINS, M.D. MILTON LANDOWNE, M.D. MORTON D. BOGDONOFF, M.D. HAROLD M. SILVER, M.D.
<i>Physiologist</i>	NATHAN W. SHOCK, PH.D.
<i>Visiting Neurologist</i>	J. W. MAGLADERY, M.D.
<i>Assistant Visiting Neurologist</i>	DAVID B. CLARK, M.D.

^{3a} July 31, 1952.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Visiting Dermatologist</i>	RAYMOND C. V. ROBINSON, M.D.
<i>Visiting Laboratory Physician</i>	JULIUS WAGHELSTEIN, M.D.
<i>Consultant in Hematology</i>	PHILIP F. WAGLEY, M.D.
<i>Consultant in Neurology</i>	FRANK R. FORD, M.D.
<i>Chief Dental Surgeon</i>	H. GLENN WARING, D.D.S.
<i>Assistant Visiting Dental Surgeons</i>	{ L. W. BIMESTEGER, D.D.S. MICHAEL VARIPATIS, D.D.S. B. W. MIKSINSKI, D.D.S.
<i>Orthodontist</i>	R. KENT TONGUE, D.D.S.
<i>Exodontist</i>	RICHARD COLMAN, D.D.S.
<i>Chief Obstetrician</i>	LOUIS H. DOUGLASS, M.D.
<i>Visiting Obstetrician</i>	J. MORRIS REESE, M.D.
<i>Assistant Visiting Obstetricians</i>	{ D. FRANK KALTREIDER, M.D. JOHN E. SAVAGE, M.D. J. WILLIAM DORMAN, M.D. W. NEWTON LONG, JR., M.D. GEORGE W. ANDERSON, M.D. LOUIS C. GAREIS, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND
INDUSTRIAL SCHOOL OF MARYLAND FOR
CRIPPLED CHILDREN

STAFF, 1952-1953

<i>Surgeon-in-Chief and Medical Director</i>	ALLEN FISKE VOSHELL, A.B., M.D.
<i>Associate Orthopaedic Surgeons</i>	{ MOSES GELLMAN, B.S., M.D. HARRY L. ROGERS HARRY F. ULLRICH, M.D. WINTHROP M. PHELPS, A.B., M.D. MILTON J. WILDER, M.D. DAVID L. FILTZER, M.D. JAMES P. MILLER, M.D.
<i>Roentgenologist</i>	CHARLES N. DAVIDSON, M.D.
<i>Plastic Surgeon</i>	EDWARD A. KITLOWSKI, A.B., M.D.
<i>Aurist and Laryngologist</i>	BENJAMIN S. RICH, A.B., M.D.
<i>Dentist</i>	M. E. COBERTH, D.D.S.
<i>Cardiologist</i>	HELEN M. TAUSSIG, M.D.
<i>Pediatricist</i>	MELCHIJAH SPRAGINS, M.D.
<i>Consulting Surgeon</i>	CHARLES REID EDWARDS, A.B., M.D.
<i>Consulting Aurists and Laryngologists</i>	EDWARD A. LOOPER, M.D., D.Oph.
<i>Consulting Neurological Surgeon</i>	CHARLES BAGLEY, JR., M.A., M.D.
<i>Consulting Dermatologists</i>	{ HARRY M. ROBINSON, SR., M.D. LEON GINSBURG, M.D.
<i>Consulting Neurologists</i>	{ IRVING J. SPEAR, M.D. R. V. SELIGER, M.D.

KERNAN HOSPITAL STAFF—*Cont'd.*

<i>Consulting Pediatricists</i>	{ BENJAMIN TAPPAN, A.B., M.D. J. EDMUND BRADLEY, M.D.
<i>Consulting Dentist</i>	HARRY B. MCCARTHY, D.D.S.
<i>Consulting Pathologist</i>	HUGH R. SPENCER, M.D.
<i>Consulting Roentgenologist</i>	HENRY J. WALTON, M.D.
<i>Resident Orthopaedic Surgeons</i>	{ WILLIAM T. KERNAHAN ROBERT T. STRANG
<i>Superintendent</i>	MISS MAUD M. GARDNER, R.N.
<i>Dispensary and Social Service Nurse</i>	MRS. EVELYN BYRD ZAPP, R.N.
<i>Physical Therapists and X-ray Technicians</i>	{ MISS NANCY R. BUTLER MISS JULIA A. COLLINS MRS. GEORGINA WISONG
<i>Occupational Therapist</i>	{ MRS. T. LYNN BUTTRICK, O.T. MRS. VIRGINIA SHAUN, O.T.
<i>Instructor in Grammar School</i>	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its

erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 33,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

OUT PATIENT DEPARTMENT

The old hospital building has been remodeled and is occupied by the Out-patient Department. Thus the students have been provided with a splendidly appointed group of clinics for their training in out-patient work. All departments of clinical

training are represented in this remodeled building and all changes have been predicated on the teaching function for which this department is intended.

The Department of Art occupies quarters here.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service provides accommodation for 40 ward patients and assures the student abundant obstetrical training. During the year ending December 31st 1951, 3168 patients were delivered and discharged. Of these, 2228 were service cases and available for teaching. Each member of the graduating class participated in an average of 11 deliveries in addition to those he attended at Baltimore City Hospitals as a junior student.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 350 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.

The Hospital for Chronic Cases, 575 beds.

The Hospital for Tuberculosis, 280 beds.

Infirmery (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1951 the out-patient visits numbered 24,400.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will be given applications received after December 1st provided the class is not complete.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

- (a) Graduation from an approved secondary school, or the equivalent in entrance examinations, and
- (b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.
- (c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	<i>Semester hours</i>	<i>Quarter hours</i>
General biology or zoology.....	*(6) 8	*(9) 12
Inorganic chemistry.....	*(6) 8	*(9) 12
Organic chemistry.....	6-8	9-12
General physics.....	*(6) 8	*(9) 12
English.....	6	9
Modern language (German, French, Spanish) . .	6	9

* Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

- (d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

- (e) Students will not be admitted who have unabsolved conditions or failures in college courses.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

<i>Humanities</i>	<i>Natural Sciences</i>	<i>Social Sciences</i>
English (an advanced course in English composition should be taken, if possible)	Vertebrate Embryology	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	Quantitative Analysis	Political Science
	Physical Chemistry	Psychology (a general course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six semester hours in the humanities and social sciences are recommended in a three-year college course. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who manifest an aptitude for the natural sciences or as limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of C or better without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents* have been domiciled in this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of the State by maintaining such residence for at least one full year. However, the right of the minor students to change from a non-resident to resident status must be established by him prior to the registration period for any semester.

Adult students are considered to be resident if at the time of their registration they have been domiciled in this State for at least two years provided such residence has not been acquired while attending any school or college in Maryland or elsewhere.

The word domicile as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

The following interpretations and modifications of the above rules shall apply:

(A) The domicile of the wife shall be that of her husband, except in the case of a minor supported by her parents in which event the marital status will not be considered in determining the resident status.

(B) Should the parents be separated, the domicile of the parent who furnishes the support shall determine the resident status of the child.

(C) If the support for a minor not be furnished by the parent or guardian, the domicile of the person who furnishes the entire support shall determine the resident status of the child.

(D) Should the support for a student be derived from a trust fund established specifically for his support and education, the domicile of the person who established this fund during the full year previous thereto shall determine the resident status of the student.

(E) Should the parent or other person responsible for a student be required to leave a State for business or military reasons, he shall not be deprived of the right to claim resident status if it is evident that he intends to return to this State upon the completion of the special business or military assignment.

(F) The non-resident status of an adult may be changed upon proof that he has purchased and has maintained a home in Maryland for at least one full year; that he has become a registered voter of this State; and that he intends to make this State his domicile. These facts must be established prior to the registration period for the semester for which this change in status is requested.

* The term "parents" includes persons who have been legally constituted the guardians of or stand in loco parentis to such minor students.

CURRENT FEES

Matriculation fee (paid once).....	\$10.00
Tuition fee (each year)—Residents of Maryland.....	450.00
Tuition fee (each year)—Non-Residents.....	700.00
Laboratory fee (each year).....	25.00
Student health service fee (each year).....	20.00
Student activities and service fee (each year).....	20.00
†Lodging and meals fee.....	6.75
Graduation fee.....	15.00
Re-examination fee (each subject).....	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter.....	1.00

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of \$10.00 and of a deposit on tuition of \$50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This \$60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee and all of the following—the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of \$5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

† Junior Students will be billed for this fee, covering lodging and meals while on obstetrical service at Baltimore City Hospitals. Section B on Schedule 2 will be billed for the first semester; Section A on Schedule 2 for the second semester. **This fee must be paid by all junior students** whether or not they serve during the previous summer or the academic year.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office \$5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards. It supports the activities of the Student Council. A portion (\$5) of this fee provides a year-book for each medical student.

STUDENT HEALTH SERVICE

JAMES R. KARNs, M.D..... Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the director, Dr. James R. Karns, in his office on the 8th floor University Hospital at 12 m. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine. Long study hours bring out unsuspected eye defects which cause loss of time and inefficiency in study if not corrected before school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

GRADING SYSTEM

Official grades are designated by these symbols:

<i>Symbol</i>	<i>Scholarship</i>	<i>Numerical Equivalent</i>
A	Superior	93-100
B	Good	87- 92
C	Fair	80- 86
D	Passing	75- 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.

2. No student will be permitted to advance with unabsolved failures.

3. An average of C or better without failures in the year most recently completed is required for advancement to junior and senior standing and for graduation.

4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.

5. A student who has failures in two completed major subjects will be dropped from the rolls.

6. All students are required to attend 85% of scheduled classes and (excluding seniors) take spring examinations unless excused by the Dean.

7. Should a student be required to repeat any year in any course, he must pay regular fees.

8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.

9. The general fitness of a candidate for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must provide themselves with microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp. Also, each freshman must possess a complete set of dissecting instruments.

A standard microscope made by Bausch & Lomb, Leitz, Zeiss or Spencer fitted with the following attachments, meets the requirements.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.

4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.

1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.

Oculars: 10x and 5x. Huygenian eyepieces.

Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror-plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used or odd-lot microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the Department of Microscopic Anatomy, second floor Bressler Research Laboratory, 29 S. Greene Street. See Dr. Lutz. This inspection is not made during August.

11. Students in the second year class are required to provide stethoscopes.

12. Third- and fourth-year students are required to provide themselves with haemocytometers, sphygmomanometers, ophthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

14. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined under a cycloplegic and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.

b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.

- c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

16. Graduates will receive the first transcript of record without charge. Subsequent copies will cost one dollar each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, Lombard and Greene Streets, Baltimore-1, Maryland.

CHANGE OF ADDRESS

17. Students are required to give the Dean's Office prompt notice of change in address.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.—12:30 a.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person. Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

<i>Period elapsed after instruction begins.</i>	<i>Percentage refundable</i>
Two weeks or less.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%
After five weeks.....	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation

who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of \$25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value \$100.00 each)

A certificate of proficiency and a prize of \$100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they should be filed four months before the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value \$100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value \$100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value \$100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value \$125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Advisory Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Advisory Board of the Faculty to a student of the senior class in need of assistance who presents to the Board satisfactory evidence of good character and scholarship.

THE FREDERICA GEHRMANN SCHOLARSHIP

(Value \$200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuro-anatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value \$300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the

counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value \$150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value \$250.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately \$250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of \$500.00 is now available to cover two (2) scholarships in the amount of \$250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Commit-

tees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

THE PFIZER SCHOLARSHIP FUND

This fund has been made possible for the session 1952-53 through the generosity of the Chas. Pfizer & Co., Inc. who have made available \$1,000 to be distributed on recommendations of the Scholarship and Loan Committee and with the approval of the Dean. The donations from this fund will be allocated to deserving students on the basis of proven need, character and scholastic attainment.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907. Loans will be made on the basis of need, character, and scholastic ability.

THE EDWARD L. MEIERHOF LOAN FUND

This bequest was established through a grant from Dr. Edward L. Meierhof, who was graduated from the Medical School in 1881. The principal of this fund will be used as a rotating loan fund from which loans will be made to regularly enrolled students of the School of Medicine on the basis of need, character and scholastic attainment.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of \$100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of \$100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under fifteen departments.

1. Anaesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Gynecology.
6. Medicine (including Medical Specialties).
7. Obstetrics.
8. Ophthalmology.
9. Pathology.
10. Pediatrics.
15. Pharmacology.
16. Physiology.
13. Psychiatry.
14. Roentgenology.
15. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

ANAESTHESIOLOGY

.....	Professor of Anaesthesiology and Head of the Department
.....	Associate Professor of Anesthesiology
.....	Assistant Professor of Anesthesiology
.....	Associate in Anaesthesiology
JAMES RUSSO.....	Assistant in Anaesthesiology

THIRD YEAR

Lectures are given on the general physiology and pharmacology of anesthesia, with consideration of the special physiology and pharmacology of each anaesthetic agent. The methods of induction and administration of anaesthesia are discussed. The factors influencing the selection of the anaesthetic are emphasized, and the preparation and care of the anaesthetized patient are carefully explained.

These lectures are correlated with practical demonstrations, supplemented by lantern slides and motion pictures, at the University Hospital.

FOURTH YEAR

Each senior student is required to spend six hours per week for four weeks observing and administering anaesthetics in the operating room.

Third year.....	10 hours
Fourth year.....	<u>24</u> hours
Total.....	34 hours

ANATOMY

Gross Anatomy

EDUARD UHLENHUTH.....	Professor of Anatomy and Head of the Department
VERNON E. KRAHL.....	Associate Professor of Anatomy
KARL F. MECH.....	Assistant Professor of Anatomy
DEWITT T. HUNTER, JR.....	Instructor in Anatomy
ROBERT E. MCCAFFERTY.....	Instructor in Anatomy
NATHAN SNYDER.....	Instructor in Anatomy of the Eye, Ear, Nose and Throat
GLADYS E. WADSWORTH.....	Instructor in Anatomy
WILLIAM E. LOECHEL.....	U. S. P. H. S. Medical Artist

Histology, Embryology and Neuro-Anatomy

FRANK H. J. FIGGE.....	Professor of Anatomy
O. G. HARNE.....	Associate Professor of Anatomy
JOHN F. LUTZ.....	Assistant Professor of Anatomy
H. PATTERSON MACK.....	Associate in Anatomy
GERALDINE F. WOLFE.....	Assistant in Anatomy
V. V. BRUNST.....	Research Associate in Anatomy
GEORGE C. PECK.....	John F. B. Weaver Summer Fellow in Histology and Embryology
VERNON M. GELHAUS.....	John F. B. Weaver Summer Fellow in Histology and Embryology

Surgical Anatomy

OTTO C. BRANTIGAN.....	Professor of Surgical Anatomy
W. WALLACE WALKER.....	Associate Professor of Surgical Anatomy

WILLIAM B. SETTLE.....	Assistant Professor of Surgical Anatomy
HERBERT E. REIFSCHEIDER.....	Associate in Surgical Anatomy
HARRY C. BOWIE.....	Associate in Surgical Anatomy
ROSS Z. PIERPONT.....	Associate in Surgical Anatomy
RICHARD M. GARRETT.....	Instructor in Surgical Anatomy

GROSS ANATOMY. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 370 hours; of these 80 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krahl, Mech, Hunter, McCafferty and Miss Wadsworth.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

HISTOLOGY AND EMBRYOLOGY *First Year.* First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body.

An attempt will be made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis will be placed on the dynamic and functional aspects of the subject. 150 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Mack, Brunst and Miss Wolfe.

NEUROANATOMY. *First Year.* Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Mack, Smith and Miss Wolfe.

SURGICAL ANATOMY. *Second Year.* Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring outlines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

GRADUATE AND POSTGRADUATE COURSES. Consult the general catalog of the University of Maryland for descriptions of these courses.

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE.....	Associate Professor of Art as Applied to Medicine
THOMAS M. STEVENSON, JR.....	Assistant in Art as Applied to Medicine
RAYMOND J. CLAYTON, JR.....	Assistant in Art as Applied to Medicine
JANE L. BLEAKLEY.....	Assistant in Art as Applied to Medicine
NANCY M. BALCHUN.....	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for

publication in scientific periodicals. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

BACTERIOLOGY AND IMMUNOLOGY

FRANK W. HACHTEL.....	Professor of Bacteriology and Head of the Department
EDWARD STEERS.....	Associate Professor of Bacteriology
ANDREW G. SMITH.....	Assistant Professor of Bacteriology
H. EDMUND LEVIN.....	Associate in Bacteriology
MERRILL J. SNYDER.....	Instructor in Bacteriology
ERNEST C. HERRMANN, JR. . .	Bressler Reserve Fund Research Associate in Bacteriology
NORMA MARY KEIGLER.....	Bressler Reserve Fund Research Assistant in Bacteriology
ROBERT C. WOOD.....	Bressler Reserve Fund Research Assistant in Bacteriology
MARY V. REED.....	Bressler Reserve Fund Research Assistant in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 150.

Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOLOGICAL CHEMISTRY

EMIL G. SCHMIDT.....	Professor of Biological Chemistry and Head of the Department
EDWARD J. HERBST.....	Associate Professor of Biological Chemistry
RAYMOND E. VANDERLINDE.....	Assistant Professor of Biological Chemistry
WILLIAM H. SUMMERSON.....	Lecturer in Biological Chemistry
ANN VIRGINIA BROWN.....	Instructor in Biological Chemistry
JEAN D. GARDENIER.....	Research Assistant in Biological Chemistry
ELEANOR B. GLINOS.....	Research Assistant in Biological Chemistry
PATRICIA S. THORPE.....	Research Assistant in Biological Chemistry
DOROTHY D. HUBBARD..	Research Corporation and Bressler Reserve Fund Post Doctorate Fellow in Biological Chemistry
GERALD KESSLER.....	Nutrition Foundation Fellow in Biological Chemistry
FRANK D. VASINGTON.....	Bressler Reserve Fund Fellow in Biological Chemistry
ALVAN NATHAN GESER.....	Bressler Reserve Fund Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

CARDIOLOGY

[A DIVISION OF MEDICINE]

In the third year a series of lectures and clinics correlated with pathological studies is given the entire class.

In the fourth year students are assigned for two periods weekly for five weeks to the Cardiac Clinic and attend consultation rounds and conferences on cardiovascular cases on the Medical wards.

CLINICAL PATHOLOGY

[A DIVISION OF MEDICINE]

MILTON S. SACKS.....	Associate Professor of Medicine and Head of the Division of Clinical Pathology
MARIE A. ANDERSCH.....	Assistant Professor of Biochemistry in Medicine
JOSEPH B. WORKMAN.....	Associate in Medicine
L. ANN HELLEN.....	Instructor in Medicine
AUDREY M. FUNK.....	Instructor in Medicine
PERRY O. FUTTERMAN.....	Instructor in Medicine
STANLEY MILLER.....	Instructor in Medicine
WILLIAM G. ESMOND.....	Baltimore RH Laboratory Fellow in Medicine

Third Year. First and second semesters. The course in Clinical Pathology is designed to train the student in the performance and interpretation of fundamental diagnostic laboratory procedures used in clinical medicine.

During the first semester the work is devoted to a thorough consideration of diseases of the hematopoietic system. In the second semester, laboratory work in urinalysis, gastric analysis, hepatic, pancreatic and renal functions, together with a thorough discussion of underlying biochemical and physiological mechanisms is undertaken. During this semester examination of cerebrospinal fluid, transudates and exudates is included. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128.

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independent of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

DENTISTRY

[A DIVISION OF SURGERY]

¹ BRICE M. DORSEY	Professor of Oral Surgery
¹ MYRON S. AISENBERG	Professor of Pathology
¹ JOSEPH C. BIDDIX, JR.	Professor of Oral Diagnosis
¹ KYRLE W. PREIS	Professor of Orthodontics
¹ HARRY M. ROBINSON, SR.	Professor of Dermatology
¹ GRAYSON W. GAVER	Professor of Dental Prosthesis
¹ ERNEST B. NUTTALL	Professor of Crown and Bridge
¹ KENNETH V. RANDOLPH	Professor of Operative Dentistry
¹ EDWARD C. DOBBS	Professor of Pharmacology
GEORGE H. YEAGER	Professor of Clinical Surgery
GRANT E. WARD	Associate Professor of Surgery and Oral Surgery
¹ HUGH H. HICKS	Associate Professor of Periodontology
¹ LEWIS C. TOOMEY	Associate Professor of Oral Surgery
GEORGE MCLEAN	Assistant Professor of Medicine
¹ WILBUR O. RAMSAY	Assistant Professor of Clinical Dental Prosthesis
¹ SAMUEL H. BRYANT	Instructor in Oral Diagnosis
¹ RUSSELL GIGLIOTTI	Instructor in Clinical Oral Diagnosis
¹ JOSEPH P. CAPPUCCIO	Instructor in Oral Surgery
¹ CONRAD L. INMAN	Instructor in Anesthesiology

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

DERMATOLOGY AND SYPHILOLOGY [A DIVISION OF MEDICINE]

HARRY M. ROBINSON, SR.	Professor of Dermatology
FRANCIS A. ELLIS	Associate Professor of Dermatology
HARRY M. ROBINSON, JR.	Associate Professor of Dermatology
EUGENE S. BERESTON	Assistant Professor of Dermatology
A. ALBERT SHAPIRO	Assistant Professor of Dermatology
ISRAEL ZELIGMAN	Assistant Professor of Dermatology
R. C. V. ROBINSON	Assistant Professor of Dermatology
WILLIAM R. BUNDICK	Associate in Dermatology
MARK B. HOLLANDER	Instructor in Dermatology
MORRIS M. COHEN	Instructor in Dermatology
DAVID BACHARACH	Instructor in Dermatology
LEE R. LERMAN	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of conferences and demonstrations of the common

¹ Faculty Member, School of Dentistry.

skin diseases and venereal diseases in the outpatient dermatologic and syphilis clinics and on the medical wards.

GASTRO-ENTEROLOGY [A DIVISION OF MEDICINE]

THEODORE H. MORRISON.....	Clinical Professor of Gastro-Enterology
SAMUEL MORRISON.....	Associate Professor of Gastro-Enterology
MAURICE FELDMAN.....	Assistant Professor of Gastro-Enterology
ZACHARIAH MORGAN.....	Assistant Professor of Gastro-Enterology
FRANCIS G. DICKEY.....	Associate in Medicine
Z. VANCE HOOPER.....	Associate in Gastro-Enterology
ALBERT J. SHOCHAT.....	Instructor in Gastro-Enterology
PHILIP D. FLYNN.....	Instructor in Medicine
ALFRED S. LEDERMAN.....	Assistant in Gastro-Enterology

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Students attend the gastro-intestinal clinic for two periods weekly for five weeks, and consultation rounds on gastro-intestinal cases on the Medical wards. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

GYNECOLOGY

J. MASON HUNDLEY, JR.....	Professor of Gynecology, and Head of the Department
LEO BRADY.....	Assistant Professor of Gynecology
EDWARD P. SMITH.....	Assistant Professor of Gynecology
WILLIAM K. DIEHL.....	Assistant Professor of Gynecology
EVERETT S. DIGGS.....	Assistant Professor of Gynecology
BEVERLEY C. COMPTON.....	Assistant Professor of Gynecology
ERNEST I. CORNBROOKS, JR.....	Assistant Professor of Gynecology
J. J. ERWIN.....	Associate in Gynecology
FRANK K. MORRIS.....	Associate in Gynecology
GERALD A. GALVIN.....	Associate in Gynecology
JOHN T. HIBBITTS.....	Associate in Gynecology
KENNETH B. BOYD.....	Associate in Gynecology
THEODORE KARDASH.....	Instructor in Gynecology
CHARLES B. MAREK.....	Instructor in Gynecology
THOMAS S. BOWYER.....	Instructor in Gynecology
ERNEST S. EDLOW.....	Instructor in Gynecology
W. ALLEN DECKERT.....	Instructor in Gynecology
HELEN I. MAGINNIS.....	Instructor in Gynecology
CHARLES H. DOELLER, JR.....	Instructor in Gynecology
WILLIAM A. DODD.....	Instructor in Gynecology
HARRY MCB. BECK.....	Instructor in Gynecology
WILLIAM C. DUFFY.....	Instructor in Gynecology
JOSEPH C. SHEEHAN.....	Instructor in Gynecology
WILLIAM J. RYSANEK.....	Instructor in Gynecology
HARRY F. KANE.....	Instructor in Gynecology
ROBERT B. TUNNEY.....	Instructor in Gynecology

JAMES H. SHELL, JR.	Assistant in Gynecology
THOMAS A. STEBBINS	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology
AMY LEE WELLS	Research Assistant in Gynecological Pathology

Third Year. A comprehensive course of 30 lectures in the field of gynecology, female urology, and female oncology is given to the entire class.

Fourth Year. An intensive course is given to small groups of students throughout the year, during which time the students are assigned exclusively to this department. The course consists of instructions including lectures, seminars, ward rounds, and operative clinics. In addition, two special instruction periods are given in pathology at which time a review of the pathological material seen at operation is made with especial reference to the pathology of malignant disease. The students are assigned patients on the gynecological wards, and also work in the gynecological, cystoscopy and oncology dispensaries each day.

Third year	30 hours
Fourth year	75 hours
Total:	105 hours

HISTORY OF MEDICINE

LOUIS A. M. KRAUSE	Professor of Clinical Medicine
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Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

HYGIENE AND PUBLIC HEALTH [A DIVISION OF MEDICINE]

HUNTINGTON WILLIAMS	Professor of Hygiene and Public Health
WILLIAM H. F. WARTEN	Associate Professor of Hygiene and Public Health
ROSS DAVIES	Associate Professor of Hygiene and Public Health
MATTHEW L. TABACK	Assistant Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at the Western Health District Building of the City Health Department, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

BIOSTATISTICS

First Year. A series of 15 one hour lectures is given to the whole class during the Second Semester dealing with the basic methods of statistical analysis and demonstration of their use in several areas of medical investigation.

Instruction is designed to assist the medical student in evaluating quantitative aspects of medical information.

INDUSTRIAL MEDICINE AND SURGERY [A DIVISION OF SURGERY]

CHARLES A. REIFSCHNEIDER.....Clinical Professor of Traumatic Surgery
THURSTON R. ADAMS.....Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

LEGAL MEDICINE [A DIVISION OF MEDICINE]

RUSSELL S. FISCHER.....Professor and Head of the Division of Legal Medicine
STANLEY H. DURLACHER.....Assistant Professor of Legal Medicine
HENRY C. FREIMUTH.....Associate in Legal Medicine
WILLIAM J. MCCLAFFERTY.....Associate in Legal Medicine
RICHARD LINDENBERG.....Associate in Legal Medicine
WILLIAM V. LOVITT, JR. Associate in Legal Medicine
KENNETH F. CLUTE.....Research Associate in Legal Medicine
ARTHUR J. FISK.....Research Assistant in Legal Medicine
ELLA FREYTAG.....Research Assistant in Legal Medicine

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medico-legal autopsy. (12 hours.)

Elective Course (summer). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

MEDICINE

MAURICE C. PINCOFFS.....	Professor of Medicine and Head of the Department
T. NELSON CAREY.....	Professor of Clinical Medicine
THOMAS P. SPRUNT.....	Professor of Clinical Medicine
H. RAYMOND PETERS.....	Professor of Clinical Medicine
LOUIS A. M. KRAUSE.....	Professor of Clinical Medicine
WILLIAM S. LOVE, JR.....	Associate Professor of Medicine
THOMAS C. WOLFF.....	Associate Professor of Medicine
HOWARD M. BUBERT.....	Associate Professor of Medicine
J. SHELDON EASTLAND.....	Associate Professor of Medicine
MILTON S. SACKS.....	Associate Professor of Medicine
LEWIS P. GUNDRY.....	Associate Professor of Medicine
SAMUEL MORRISON.....	Associate Professor of Medicine
THEODORE E. WOODWARD.....	Associate Professor of Medicine
WILLIAM H. SMITH.....	Associate Professor of Clinical Medicine
GEORGE McLEAN.....	Assistant Professor of Medicine
WETHERBEE FORT.....	Assistant Professor of Medicine
FRANK J. GERAGHTY.....	Assistant Professor of Medicine
H. VERNON LANGELOTTIG.....	Assistant Professor of Medicine
SOL SMITH.....	Assistant Professor of Medicine
EDWARD F. COTTER.....	Assistant Professor of Medicine
C. EDWARD LEACH.....	Assistant Professor of Medicine
EPHRAIM T. LISANSKY.....	Assistant Professor of Medicine
SAMUEL T. R. REVELL, JR.....	Assistant Professor of Medicine
HENRY J. MARRIOTT.....	Assistant Professor of Medicine
ROBERT A. REITER.....	Assistant Professor of Medicine
SIDNEY SCHERLIS.....	Assistant Professor of Medicine
JAMES R. KARNS.....	Assistant Professor of Medicine
MARIE A. ANDERSCH.....	Assistant Professor of Biochemistry in Medicine
SAMUEL LEGUM.....	Associate in Medicine
W. GRAFTON HERSPBERGER.....	Associate in Medicine
MEYER W. JACOBSON.....	Associate in Medicine
CONRAD B. ACTON.....	Associate in Medicine
FRANCIS G. DICKEY.....	Associate in Medicine
LAWRENCE M. SERRA.....	Associate in Medicine
HARRY M. ROBINSON, JR.....	Associate in Medicine
WILLIAM K. WALLER.....	Associate in Medicine
ARTHUR KARFGIN.....	Associate in Medicine
M. PAUL BYERLY.....	Associate in Medicine
HENRY W. D. HOLLJES.....	Associate in Medicine
S. EDWIN MULLER.....	Associate in Medicine
KURT LEVY.....	Associate in Medicine
WILFRED H. TOWNSEND.....	Associate in Medicine
ALVIN J. HARTZ.....	Associate in Medicine
EDMUND G. BEACHAM.....	Associate in Medicine
LOUIS V. BLUM.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine

DANIEL WILFSON, JR.	Associate in Medicine
JONAS COHEN	Associate in Medicine
WALTER KARFGIN	Associate in Medicine
IRVING FREEMAN	Associate in Medicine
J. EMMET QUEEN	Associate in Medicine
CHARLES F. BRAMBLE	Associate in Medicine
JOHN B. DEHOFF	Associate in Medicine
WILLIAM C. EBELING, III	Associate in Medicine
JOSEPH FURNARI	Associate in Medicine
ROBERT E. BAUER	Associate in Medicine
PHILIP D. FLYNN	Instructor in Medicine
JOHN A. MYERS	Instructor in Medicine
WILLIAM G. HELFRICH	Instructor in Medicine
JOSEPH E. MUSE	Instructor in Medicine
WILLIAM H. KAMMER, JR.	Instructor in Medicine
SAMUEL J. HANKIN	Instructor in Medicine
FREDERICK J. VOLLMER	Instructor in Medicine
JOHN R. DAVIS	Instructor in Medicine
L. ANN HELLEN	Instructor in Medicine
AUDREY M. FUNK	Instructor in Medicine
LEON A. KOCHMAN	Instructor in Medicine
C. HERMAN WILLIAMS	Instructor in Medicine
JEROME SHERMAN	Instructor in Medicine
PERRY O. FUTTERMAN	Instructor in Medicine
ELIZABETH D. SHERRILL	Instructor in Medicine
WILLIAM F. COX, III	Instructor in Medicine
DONALD W. MINTZER	Instructor in Medicine
BERNARD BURGIN	Instructor in Medicine
LAURISTON L. KEOWN	Instructor in Medicine
FRANKLIN E. LESLIE	Instructor in Medicine
PHILIP D. FLYNN	Instructor in Medicine
ROBERT T. PARKER	Instructor in Medicine
STEPHEN J. VAN LILL, III	Instructor in Medicine
STUART D. SUNDAY	Instructor in Medicine
IRVIN B. KEMICK	Instructor in Medicine
MAURICE FELDMAN, JR.	Instructor in Medicine
JAMES J. NOLAN	Instructor in Medicine
CHARLES E. SHAW	Instructor in Medicine
JOSEPH G. BIRD	Instructor in Medicine
LEONARD SCHERLIS	Instructor in Medicine
STANLEY MILLER	Instructor in Medicine
JOHN C. OSBORNE	Instructor in Medicine
ROLLIN C. HUDSON	Assistant in Medicine
RAYMOND M. LAUER	Assistant in Medicine
BURTON V. LOCK	Assistant in Medicine
CARL F. MYERS	Assistant in Medicine
JACK WEXLER	Assistant in Medicine
MARVIN GOLDSTEIN	Assistant in Medicine
JOSEPH C. MYERS	Assistant in Medicine
THOMAS WORSLEY	Assistant in Medicine
EDWARD S. KALLINS	Assistant in Medicine

HERBERT J. LEVICKAS.....	Assistant in Medicine
JOSEPH CHARLES MATCHAR.....	Assistant in Medicine
JOSEPH C. BLAZEK.....	Assistant in Medicine
WILLIAM G. ESMOND.....	Baltimore Rh Typing Laboratory Fellow in Medicine
FRANCIS J. BORGES.....	Part-Time Fellow in Medicine
KYLE W. SWISHER, JR.....	Part-Time Fellow in Medicine
JOSEPH B. BRONUSHAS.....	Part-Time Fellow in Medicine
JOSEPH C. FITZGERALD.....	Part-Time Fellow in Medicine
HARRY D. PERRY JR.....	Part-Time Fellow in Medicine
AUBREY RICHARDSON.....	Part-Time Fellow in Medicine
AWILDA GAY.....	Research Assistant in Medicine

SECOND YEAR

Introduction to clinical medicine.

- (a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)
- (b) Medical clinics. (1 hour a week, second semester.)

THIRD YEAR

- I. The methods of examination: (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.

Instruction includes lectures and practice in the wards, outpatient department and laboratory.

- II. The principles of medicine:

- (a) Lectures, clinics and demonstrations in general medicine, neurology, and preventive medicine.

Third Year teaching of physical diagnosis is carried out chiefly in the various units of the City Hospital.

FOURTH YEAR

The practice of medicine:

- I. Clinical clerkship on the medical wards (31 hours a week for ten weeks).

- (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.

- (b) Ward classes, ward rounds and conferences in general medicine, the medical specialties, and therapeutics.

- II. Dispensary work in the medical specialties.

- III. Clinical-pathological conferences (1 hour a week).

The medical dispensary of the University Hospital is utilized for teaching in the third year. Each student spends two hours daily for ten weeks in dispensary work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Clinical clerkships in the Fourth Year are served on the medical wards of both the University and Mercy Hospitals.

NEUROLOGICAL SURGERY [A DIVISION OF SURGERY]

JAMES G. ARNOLD, JR.

Associate Professor of Neurological Surgery, Acting Head of the Department

RICHARD G. COBLENTZ.....Professor of Clinical Neurological Surgery
 JOHN A. WAGNER.....Associate Professor of Pathology and Neuropathology
 ROBERT OSTER
 Associate in Electro-physiology, and Director of the Hoffberger Electroencephalo-
 graphic Laboratory

RAYMOND K. THOMPSON

Associate in Neurological Surgery, Director of Neurological Surgery Research

FRANK J. OTENASEK Instructor in Neurological Surgery
 JOHN W. CHAMBERS.....Instructor in Neurological Surgery
 ROBERT M. N. CROSBY.....Instructor in Neurological Surgery
 WILLIAM H. MOSSBERG, JR.....Instructor in Neurosurgery
 AUGUST KIEL, JR.....Assistant in Neurological Surgery

Third Year. This course comprises lectures and demonstrations in the fundamentals of neurological surgery. Total hours, fifteen

Fourth Year. Weekly ward rounds at the University and Mercy Hospitals. Total hours, sixteen.

Dispensary Instruction. A small number of students may apply for instruction in the neurological out-patient dispensary.

NEUROLOGY

[A DIVISION OF MEDICINE]

LEON FREEDOM.....Associate Professor of Neurology
 PHILIP F. LERNER.....Assistant Professor of Neurology
 HARRY TEITELBAUM.....Assistant Professor of Neurology
 WILLIAM L. FEARING.....Associate in Neurology
 EDWARD F. COTTER.....Associate in Neurology
 GEORGE G. MERRILL.....Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. Fourth year students in the Medical section attend neurological consultation rounds on ward patients in the University and Mercy Hospitals. All patients presented at these clinics are carefully examined.

Dispensary Instructions. Small sections are instructed in the neurological dispensary of the Mercy Hospital five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

OBSTETRICS

LOUIS H. DOUGLASS.....Professor of Obstetrics and Head of the Department
 J. MORRIS REESE.....Associate Professor of Obstetrics
 D. FRANK KALTREIDER.....Associate Professor of Obstetrics

ISADORE A. SIEGEL.....	Associate Professor of Obstetrics
JOHN E. SAVAGE	Assistant Professor of Obstetrics
HUGH B. McNALLY.....	Assistant Professor of Obstetrics
MARGARET B. BALLARD.....	Associate in Obstetrics
D. McCLELLAND DIXON.....	Associate in Obstetrics
OSBORNE C. CHRISTENSEN.....	Associate in Obstetrics
J. TYLER BAKER.....	Associate in Obstetrics
J. HUFF MORRISON.....	Associate in Obstetrics
GEORGE H. DAVIS.....	Instructor in Obstetrics
J. KING B. E. SEEGAR.....	Instructor in Obstetrics
VINCENT DEPAUL FITZPATRICK, JR.....	Assistant in Obstetrics
LOUIS C. GAREIS.....	Instructor in Obstetrics
KENNETH B. BOYD.....	Assistant in Obstetrics
W. KENNETH MANSFIELD, JR.....	Assistant in Obstetrics
CHARLES H. DOELLER, JR.....	Assistant in Obstetrics
THEODORE KARDASH.....	Assistant in Obstetrics
HARRY MCB. BECK.....	Assistant in Obstetrics
WILLIAM A. DODD.....	Assistant in Obstetrics
IRVIN P. KLEMKOWSKI.....	Assistant in Obstetrics
CLARENCE W. MARTIN.....	Assistant in Obstetrics
VERNON C. KELLEY.....	Assistant in Obstetrics
HARRY COHEN.....	Assistant in Obstetrics
THOMAS C. WEBSTER.....	Assistant in Obstetrics
VINCENT DEP. FITZPATRICK.....	Assistant in Obstetrics
ERNEST SCHER.....	Assistant in Obstetrics
JAMES H. SHELL, JR.....	Assistant in Obstetrics
F. X. PAUL TINKER.....	Assistant in Obstetrics
DANIEL EHRLICH.....	Assistant in Obstetrics
BENSON C. SCHWARTZ.....	Assistant in Obstetrics

Second Year: During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Dr. J. M. Reese.

Third Year: Lectures and recitations consist of 3 hours teaching weekly and are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Douglass, Reese, Siegel, Savage, Dixon and Kaltreider.

Each student is required to spend 4 days on the obstetrical service of the Baltimore City Hospitals during his junior year. Here he acts as a junior intern, observing, assisting and finally delivering normal cases under supervision. Each student attends a total of about 25 deliveries, in the majority of which he takes an active part.

Each student receives, as a member of a small group, 10 hours of instruction in palpating patients, in the clinical evaluation of the pelvis and in demonstrations

of the mechanism of labor. Drs. Siegel and McNally.

Fourth Year: The instruction is entirely clinical. The "block system" is used. One-sixteenth of the class is assigned to obstetrics only for a period of 2 weeks. Students live at the University Hospital during this time and are on call 24 hours a day. They receive formal class instruction, are required to attend all rounds and staff conferences and are present at the majority of the deliveries as observers, assistants or as accoucheurs. In this way each student will actively participate in about 11 deliveries. Operative work on an obstetrical mannikin is an organized part of the course. Each student receives 6 hours of this type of instruction.

Each student spends 20 hours in the prenatal and postnatal clinics, where instructions in these fields are given.

Students assigned to obstetrics are required to attend the monthly meetings of The Committee on Maternal Mortality of Baltimore, where all maternal deaths occurring in this city are presented and discussed.

Second year— 16 hours

Third year—148 hours

Fourth year—106 hours

Total —270 hours

ONCOLOGY [A DIVISION OF GYNECOLOGY AND SURGERY]

J. MASON HUNDLEY, JR.	Professor of Gynecology
BEVERLEY C. COMPTON	Assistant Professor of Gynecology
WILLIAM K. DIEHL	Assistant Professor of Gynecology
EVERETT S. DIGGS	Assistant Professor of Gynecology
ERNEST I. CORNBROOKS, JR.	Assistant Professor of Gynecology
ARTHUR G. SIWINSKI	Assistant Professor of Surgery
EDWIN H. STEWART	Associate in Surgery
JOHN M. DENNIS	Associate in Radiology
J. DUER MOORES	Instructor in Surgery
LOUIS F. GOODMAN	Instructor in Surgery
GIRARDO B. POLANCO	National Cancer Institute Trainee in Pathology
E. EUGENE COVINGTON	Assistant Radiologist
THOMAS A. STEBBINS	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the biophysical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Siwinski and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	<i>Onocology</i>	<i>Gynecology</i>	<i>Total</i>
Third year.....	5 hours	6 hours	11 hours
Fourth year.....	12 hours	16 hours	28 hours
Total.....	17 hours	22 hours	39 hours

OPHTHALMOLOGY

F. EDWIN KNOWLES, JR.

Assistant Professor of Ophthalmology and Chairman of the Department

JOSEPH I. KEMLER.....	Associate in Ophthalmology
A. KREMEN.....	Associate in Ophthalmology
PAUL N. FRIEDMAN.....	Instructor in Ophthalmology
RUBY A. SMITH.....	Instructor in Ophthalmology
D. J. MCHENRY.....	Instructor in Ophthalmology
J. E. BRUMBACK.....	Instructor in Ophthalmology
RICHARD J. CROSS.....	Instructor in Ophthalmology
JOHN C. OZAZEWSKI.....	Assistant in Ophthalmology

Third Year. Second semester. Dr. Friedman reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital by Dr. Kremen.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, twice weekly, for one year. Dr. Knowles.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Knowles, Smith, Brumback, Friedman and Ozazewski. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract and neuro-ophthalmology. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Drs. Knowles, Kemler, Kremen, Friedman, Smith, Brumback, Jeppi, Pacienza and Ozazewski.

Third year	20 hours
Fourth year	41 hours
Total	61 hours

ORTHOPAEDICS

[A DIVISION OF SURGERY]

ALLEN FISKE VOSHELL.....	Professor of Orthopaedic Surgery
HARRY L. ROGERS.....	Clinical Professor of Orthopaedic Surgery
MOSES GELLMAN.....	Associate Professor of Orthopaedic Surgery
HENRY F. ULLRICH	Associate Professor of Orthopaedic Surgery
MILTON J. WILDER.....	Assistant Professor in Orthopaedic Surgery
I. H. MASERITZ.....	Associate in Orthopaedic Surgery
JASON H. GASKEL.....	Instructor in Orthopaedic Surgery
ISAAC GUTMAN.....	Instructor in Orthopaedic Surgery
JAMES P. MILLER.....	Instructor in Orthopaedic Surgery
EVERETT D. JONES.....	Assistant in Orthopaedic Surgery
ROBERT C. ABRAMS.....	Assistant in Orthopaedic Surgery

Didactic instruction is given in the second, third and fourth years. Clinical, bedside and outpatient instruction is given at the University, Mercy Hospitals and their Outpatient Departments, Kernan Hospital for Crippled Children, and Baltimore City Hospitals. Brief discussions and demonstrations of physical and occupational therapy are included in the course.

Second year	19 hours
Third year	36 hours
Fourth year	90 hours
Total	145 hours

OTOLARYNGOLOGY

[A DIVISION OF SURGERY]

EDWARD A. LOOPER.....	Professor of Otolaryngology and Head of the Department
WAITMAN F. ZINN.....	Professor of Otolaryngology
THOMAS R. O'ROURK.....	Professor of Otolaryngology
FREDERICK T. KYPER.....	Associate Professor of Otolaryngology
BENJAMIN S. RICH.....	Associate Professor of Otolaryngology
FAYNE A. KAYSER.....	Associate Professor of Otolaryngology
W. RAYMOND MCKENZIE.....	Assistant Professor of Otolaryngology
THEODORE A. SCHWARTZ.....	Assistant Professor of Otolaryngology
ROBERT Z. BERRY.....	Associate in Otolaryngology
ARTHUR WARD.....	Associate in Otolaryngology
JOHN H. HIRSCHFELD.....	Assistant in Otolaryngology
BENJAMIN H. ISAACS.....	Associate in Otolaryngology
SAMUEL L. FOX.....	Associate in Otolaryngology
RICHARD J. CROSS.....	Instructor in Otolaryngology
JOHN M. REHBERGER.....	Assistant in Otolaryngology
HARRY P. PORTER.....	Assistant in Otolaryngology
THOMAS D. MICHAEL.....	Assistant in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and

modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks by Dr. Looper.

Fourth Year. Dispensary instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M. under direction of Dr. Looper, and associates.

The Mercy Hospital clinic for bronchoscopy and esophagoscopy is under the direction of Dr. Zinn. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year.....	9 hours
Fourth year.....	53 hours
Total.....	62 hours

OTOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....Professor of Otolaryngology

The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourke and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourke and associates.

Third year.....	12 hours
Fourth year.....	40 hours
Total.....	52 hours

PATHOLOGY

HUGH R. SPENCER.....Professor of Pathology and Head of the Department
 ROBERT B. WRIGHT.....Associate Professor of Pathology
 C. GARDNER WARNER.....Associate Professor of Pathology
 WALTER C. MERKEL.....Associate Professor of Pathology
 DEXTER L. REIMANN.....Associate Professor of Pathology
 JOHN A. WAGNER.....Associate Professor of Pathology
 ALBERT E. GOLDSTEIN.....Assistant Professor of Pathology
 MILTON S. SACKS.....Associate in Pathology

BENEDICT SKITARELIC	Associate in Pathology
CHARLES P. BARNETT	Associate in Pathology
CONRAD B. ACTON	Instructor in Pathology
HOWARD B. MAYS	Instructor in Pathology
EPHRAIM T. LISANSKY	Instructor in Pathology
WILLIAM B. VANDEGRIFT	Instructor in Pathology
WILLIAM J. BRYSON	Instructor in Pathology
KARL F. MECH	Instructor in Pathology
SEYMOUR W. RUBIN	Instructor in Pathology
THEODORE KARDASH	Instructor in Pathology
LOUIS C. GAREIS	Instructor in Pathology
ROY B. TURNER	Instructor in Pathology
EDWARD L. J. KREIG	Instructor in Pathology
JAMES H. RAMSEY	Instructor in Pathology
JAMES R. KARNS	Instructor in Pathology
RAYMOND M. CUNNINGHAM	Instructor in Pathology
HARRY COHEN	Assistant in Pathology
GERARDO B. POLANCO	National Cancer Institute Trainee

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

GENERAL PATHOLOGY. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

APPLIED PATHOLOGY, INCLUDING GROSS MORBID ANATOMY AND MORBID PHYSIOLOGY. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

AUTOPSIES. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

CLINICAL-PATHOLOGICAL CONFERENCE. (*Fourth Year.*) These exercises are held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total	374 hours

PEDIATRICS

J. EDMUND BRADLEY	Professor of Pediatrics and Head of the Department
C. LORING JOSLIN	Professor of Pediatrics
A. H. FINKELSTEIN	Associate Professor of Pediatrics

FREDERICK B. SMITH	Associate Professor of Pediatrics
GORDON E. GIBBS	Associate Professor Clinical Pediatric Research
ALBERT JAFFE	Associate Clinical Professor of Pediatrics
SAMUEL S. GLICK	Assistant Professor of Pediatrics
JEROME FINEMAN	Assistant Professor of Pediatrics
GIBSON J. WELLS	Assistant Professor of Pediatrics
WILLIAM M. SEABOLD	Assistant Professor of Pediatrics
ANNIE M. BESTEBREURTJE	Assistant Professor of Pediatrics
CLEWELL HOWELL	Associate in Pediatrics
G. BOWERS MANSDORFER	Associate in Pediatrics
SIDNEY SCHERLIS	Associate in Pediatrics
MELCHIJAH SPRAGINS	Associate in Pediatrics
ARNOLD F. LAVENSTEIN	Instructor in Pediatrics
MARY L. HAYLECK	Instructor in Pediatrics
ISRAEL P. MERANSKI	Instructor in Pediatrics
THOMAS A. CHRISTENSEN	Instructor in Pediatrics
JOSEPH M. CORDI	Instructor in Pediatrics
LEONARD SCHERLIS	Instructor in Pediatrics
LESTER H. CAPLAN	Instructor in Pediatrics
RUTH BALDWIN	Instructor in Pediatrics
EDWARD G. FIELD	Instructor in Pediatrics
MELVIN M. BORDEN	Instructor in Pediatrics
HOWARD GOODMAN	Instructor in Pediatrics
WILLIAM EARL WEEKS	Assistant in Pediatrics
J. CARLTON WICH	Assistant in Pediatrics
O. WALTER SPURRIER	Assistant in Pediatrics
A. MAYNARD BACON, JR. ⁶	Assistant in Pediatrics
GARRETT E. DEANE	Assistant in Pediatrics
FREDERICK J. HELDRICH, JR.	Assistant in Pediatrics
MARTIN K. GORTEN	Assistant in Pediatrics
ARNOLD TRAMER	Assistant in Pediatrics
KENNETH F. CLUTE	P.H.S. and M & R Fund Research Associate in Pediatrics
ANNE M. LASTER	Bressler Reserve Fund Research Assistant in Pediatrics
ALBERT L. TRUCKER	Bressler Reserve Fund Research Assistant in Pediatrics

Third Year. The course is presented as follows:

Lectures on infant feeding and the fundamentals of diseases of infants and children. (15 hours.)

Lectures on contagious diseases in conjunction with the Department of Hygiene and Preventive Medicine. (14 hours.)

A special course in physical diagnosis is given at City Hospitals. (20 hours.)

Clinical conferences demonstrating diseases of the new-born. (6 hours.)

Fourth Year. A clinic in the amphitheatre is given at which time patients are shown demonstrating the features of the diseases discussed. (30 hours.)

Conferences and demonstrations are given in problems of diagnosis, care, treatment and clinical pathology of diseases of infants and children. (30 hours.)

Students are assigned subjects on which to prepare theses.

Clinical clerkships are assigned on the pediatric wards, where experience is gained in taking histories, making physical examinations, doing routine laboratory

work, and following up patients' progress. This is under the supervision of the visiting staff. (140 hours.)

Instruction is given in the pediatric clinic of the out-patient department of the University Hospital. This consists of 1½ hours daily for five weeks—30 minutes each day is devoted to a clinical demonstration of some interesting case by a member of the staff; one hour daily to taking histories and making physical examinations under the supervision of an instructor. (45 hours.)

Total hours: 300.

PHARMACOLOGY

JOHN C. KRANTZ, JR.....	Professor of Pharmacology and Head of the Department
C. JELLEFF CARR	Professor of Pharmacology
RAYMOND M. BURGISON.....	Assistant Professor of Pharmacology
RUTH MUSSER	Instructor in Pharmacology
JOSEPH G. BIRD	Assistant in Pharmacology
AMEDEO S. MARRAZZI.....	Lecturer in Pharmacology
WILLIAM G. HARNE.....	Demonstrator in Pharmacology
FREDERICK K. BELL.....	Fellow in Pharmacology
MARY S. FASSEL	Emerson Fellow in Pharmacology
JOHN B. HARMON.....	Emerson Fellow in Pharmacology
GO LU.....	Fellow in Pharmacology
LEONARD S. BRAHEN.....	Fellow in Pharmacology
JOHNSON S. L. LING.....	Eli Lilly Fellow in Pharmacology
MARY FRANCES BYRD.....	Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PHYSICAL DIAGNOSIS [A DIVISION OF MEDICINE]

T. CONRAD WOLFF

Associate Professor of Medicine, and Head of the Division of Physical Diagnosis	
ROBERT A. REITER.....	Assistant Professor of Medicine
SAMUEL LEGUM.....	Associate in Medicine
EDMUND G. BEACHAM.....	Associate in Medicine
DANIEL WILFSON.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
JOHN B. DEHOFF.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Instructor in Medicine
LEON A. KOCHMAN.....	Instructor in Medicine
STUART D. SUNDAY.....	Instructor in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine

STEPHEN J. VAN LILL, III.....	Instructor in Medicine
BERNARD BURGIN.....	Instructor in Medicine
FRANKLIN LESLIE.....	Instructor in Medicine
LAURISTON KEOWN.....	Instructor in Medicine
CARL F. MYERS.....	Assistant in Medicine
JOSEPH C. MATCHAR.....	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly for 15 weeks) covering the mechanisms of abnormal signs.

PHYSIOLOGY

WILLIAM R. AMBERSON.....	Professor of Physiology and Head of the Department
DIETRICH C. SMITH.....	Professor of Physiology
FREDERICK P. FERGUSON.....	Associate Professor of Physiology
JOHN I. WHITE.....	Assistant Professor of Physiology
J. HENRY WILLS.....	Lecturer in Physiology
SAMUEL L. FOX.....	Instructor in Physiology
SYLVIA HIMMELFARB.....	Instructor in Physiology
JEANNE ANN BARRY.....	Junior Instructor in Physiology
ALFRED JOSEPH PRATT.....	John F. B. Weaver Fellow in Physiology
CAROLYN F. HENDRICKSON.....	Research Assistant in Physiology

The course in physiology is given in two parts:

First Year. Second Semester. Neuro-muscular physiology is presented in two lectures a week, without laboratory work.

Second Year. First Semester. The remainder of the subject is presented in four lectures, one conference, and two laboratory periods a week.

The fundamental concepts of physiology are presented with special reference to mammalian problems.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PLASTIC SURGERY [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....Clinical Professor of Plastic Surgery
CLARENCE P. SCARBOROUGH.....Instructor in Plastic Surgery
JOHN J. ANGELO.....Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Dispensary instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

PROCTOLOGY [A DIVISION OF SURGERY]

MONTE EDWARDS.....Professor of Proctology
THURSTON R. ADAMS.....Assistant Professor of Proctology
SIMON H. BRAGER.....Assistant Professor of Proctology
DONALD B. HEBB.....Instructor in Proctology
WILLIAM T. SUPIK.....Instructor in Proctology
RAYMOND M. CUNNINGHAM.....Instructor in Proctology
JOHN D. ROSEN.....Instructor in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Supik and Brager. University Hospital—Drs. Monte Edwards, Adams, Cunningham and Rosen.

Third year.....	7 hours
Fourth year.....	16 hours
Total.....	23 hours

PSYCHIATRY

JACOB E. FINESINGER.....Professor of Psychiatry and Head of the Department
JOHN R. REID.....Visiting Professor of Psychiatry
H. WHITMAN NEWELL.....Associate Professor of Psychiatry
HARRY M. MURDOCK.....Assistant Professor of Psychiatry
PHILIP S. WAGNER.....Assistant Professor of Psychiatry
HANS W. LOEWALD.....Assistant Professor of Psychiatry
WILLIAM W. ELGIN.....Assistant Professor of Psychiatry

J. G. N. CUSHING.....	Assistant Professor of Psychiatry
KATHRYN L. SCHULTZ.....	Assistant Professor of Psychiatry
ROBERT G. GRENELL.....	Assistant Professor of Psychiatric Research
ISADORE TUERK.....	Associate in Psychiatry
EPHRAIM T. LISANSKY.....	Associate in Psychiatry
KATHRYN DICE.....	Associate in Clinical Psychology
ELIZABETH LAForge.....	Associate in Psychiatric Social Work
A. RUSSELL ANDERSON.....	Instructor in Psychiatry
KLAUS W. BERBLINGER.....	Instructor in Psychiatry
ENOCH CALLAWAY, JR.....	Instructor in Psychiatry
WILLIAM N. FITZPATRICK.....	Instructor in Psychiatry
MARION W. MATHEWS.....	Instructor in Psychiatry
FRANCIS J. McLAUGHLIN.....	Instructor in Psychiatry
SAMUEL NOVEY.....	Instructor in Psychiatry
VIRGINIA SUTTENFIELD.....	Instructor in Psychiatry
FERN E. MACALLISTER.....	Assistant in Psychiatry
MARJORIE R. FLEITZER.....	Assistant in Psychiatric Social Work
HERMIONE HUNT HAWKINS.....	Assistant in Clinical Psychology
VESTA MAY STEVENS.....	Assistant in Psychiatric Social Work
MARCELLA WEISMAN.....	Assistant in Psychiatric Social Work
JOHN W. POWELL.....	Army Chemical Center and Bressler Reserve Fund Research Associate in Psychiatry
NANCY V. REID.....	Bressler Reserve Fund Research Associate in Psychiatry
BETTY JANE FAX.....	Research Associate in Psychiatry
MORITZ MICHAELIS.....	Research Associate in Psychiatry
RUTH PAGE EDWARDS.....	Fellow in Psychiatry
MARVIN JAFFE.....	Fellow in Psychiatry
ARTHUR H. SCHMALE, JR.....	National Institute of Mental Health Fellow in Psychiatry
JEANNETTE F. RAYNER.....	Research Assistant in Psychiatry
EDWIN L. POOLE.....	Research Assistant in Psychiatry
FLORIS DE BALBIAN VERSTER.....	Research Assistant in Psychiatry
ELIZABETH A. ADAMS.....	Bressler Reserve Fund Research Assistant in Psychiatry

First Year. Fourteen two-hour periods during the second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Fourteen two-hour periods are spent in the first semester in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients

are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

ROENTGENOLOGY

WALTER L. KILBY.....	Professor of Roentgenology, and Head of the Department
CHARLES N. DAVIDSON.....	Associate Professor of Roentgenology
JOHN DECARLO, JR.....	Assistant Professor of Roentgenology
DONALD J. BARNETT.....	Assistant Professor of Roentgenology
EDWARD R. DANA.....	Associate in Roentgenology
JOHN M. DENNIS.....	Associate in Radiology
JOHN T. BRACKIN.....	Instructor in Roentgenology
HERBERT B. COPELAND.....	Instructor in Roentgenology
ROBERT W. SWAIN.....	Consultant in Radiologic Physics, Cancer Teaching Program

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year.....	8 hours
Fourth year.....	24 hours
Total	32 hours

SPEECH TRAINING CLINIC [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
RAY EHRENSBERGER.....	Professor of Speech
MERLE ANSBERRY.....	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

SURGERY

CHARLES REID EDWARDS.....	Professor of Surgery, and Acting Head of the Department
WALTER D. WISE	Professor of Surgery
ELLIOTT H. HUTCHINS.....	Professor of Surgery
D. J. PESSAGNO	Professor of Clinical Surgery
F. L. JENNINGS	Professor of Clinical Surgery
GEORGE H. YEAGER.....	Professor of Clinical Surgery
MONTÉ EDWARDS	Clinical Professor of Surgery
OTTO C. BRANTIGAN	Professor of Clinical Surgery
HARRY C. HULL.....	Professor of Clinical Surgery
JAMES W. NELSON.....	Professor of Clinical Surgery
R. RIDGEWAY TRIMBLE.....	Professor of Clinical Surgery
CHARLES A. REIFSCHNEIDER.....	Clinical Professor of Traumatic Surgery
THOMAS R. CHAMBERS.....	Associate Professor of Surgery
R. W. LOCHER.....	Associate Professor of Clinical Surgery
EDWARD S. JOHNSON.....	Associate Professor of Surgery
CYRUS F. HORINE.....	Associate Professor of Clinical Surgery
CHARLES W. MAXSON	Associate Professor of Surgery
C. W. PEAKE	Associate Professor of Surgery
WILLIAM F. REINHOF, JR.....	Associate Professor of Surgery
W. WALLACE WALKER.....	Associate Professor of Surgery and Surgical Anatomy
H. F. BONGARDT.....	Assistant Professor of Surgery
I. O. RIDGELY.....	Assistant Professor of Surgery
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
SIMON H. BRAGER.....	Assistant Professor of Surgery and Proctology
THURSTON R. ADAMS.....	Assistant Professor of Surgery
RAYMOND F. HELFRICH.....	Associate in Surgery
WILLIAM B. SETTLE.....	Associate in Surgery
GEORGE GOVATOS.....	Associate in Surgery
JOSEPH V. JERARDI.....	Associate in Surgery
HERBERT E. REIFSCHNEIDER.....	Associate in Surgery
HAROLD H. BURNS.....	Associate in Surgery
WILLIAM L. GARLICK.....	Associate in Surgery
HARRY C. BOWIE.....	Associate in Surgery
EDWIN H. STEWART, JR.....	Associate in Surgery
JOSEPH M. MILLER.....	Lecturer in Surgery
J. DUER MOORES.....	Instructor in Surgery
CALVIN HYMAN.....	Instructor in Surgery
CLYDE F. KARNS.....	Instructor in Surgery
DANIEL R. ROBINSON.....	Instructor in Surgery
GEORGE H. BROUILLET.....	Instructor in Surgery
JOHN F. SCHAEFER.....	Instructor in Surgery
ROBERT F. HEALY	Instructor in Surgery
ROBERT C. SHEPPARD	Instructor in Surgery
SAMUEL E. PROCTOR.....	Instructor in Surgery

F. FORD LOKER.....	Instructor in Surgery
E. RODERICK SHIPLEY.....	Instructor in Surgery
PATRICK C. PHELAN, JR.....	Instructor in Surgery
LOUIS E. GOODMAN.....	Instructor in Surgery
HAROLD L. ZUPNIK.....	Instructor in Surgery
MICHAEL L. DEVINCENTES.....	Instructor in Surgery
R. ADAM COWLEY.....	

Assistant in Thoracic Surgery; Assistant Director Experimental Surgery

WILLIAM R. GERAGHTY.....	Assistant in Surgery
HOWARD B. McELWAIN.....	Assistant in Surgery
A. V. BUCHNESS.....	Assistant in Surgery
T. J. TOUHEY.....	Assistant in Surgery
SAMUEL H. CULVER.....	Assistant in Surgery
L. T. CHANCE.....	Assistant in Surgery
W. ALLEN DECKERT.....	Assistant in Surgery
WILLIAM C. DUNNIGAN.....	Assistant in Surgery
RAYMOND M. CUNNINGHAM.....	Assistant in Surgery
JOHN W. CHAMBERS.....	Assistant in Surgery
ROSS Z. PIERPONT.....	Assistant in Surgery
JAMES N. CIANOS.....	Assistant in Surgery
RICHARD M. GARRETT.....	Assistant in Surgery
WILLIAM D. LYNN.....	Assistant in Surgery
DAVID R. WILL.....	Assistant in Surgery
HAROLD P. BIEHL.....	Assistant in Surgery
KIRK MOORE.....	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the dispensaries, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

TOPOGRAPHIC AND SURGICAL ANATOMY. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Garrett.

Total hours: 96.

PRINCIPLES OF SURGERY. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and

extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

GENERAL AND REGIONAL SURGERY. Lectures, recitations and clinics are given on the principles of surgery and general surgery including fractures and dislocations. Three hours a week to the whole class. Dr. Hull.

The class is divided into groups. Instruction in history-taking and surgical pathology is given under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at B.C.H. by Drs. Bowie, Koontz, Brantigan and Adams. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

OPERATIVE SURGERY. Lectures and operative demonstrations are given under the supervision of Dr. Yeager assisted by Dr. Govatos. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

SURGICAL OUT-PATIENT DEPARTMENT. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

CLINICS. Surgical pathological Conference. A weekly conference is conducted at the University Hospital for the entire class. Daily ward classes at University and Mercy Hospitals, and half day ward work under the supervision of Dr. E. R. Shipley at University and Dr. F. Ford Loker, Mercy Hospital.

SURGERY OF THE CHEST:—Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

TRAUMATIC SURGERY. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

CLINICAL CLERKSHIP. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Pessagno, Nelson, Trimble, Brager, Jerardi, Gar-

lick and Loker. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

THORACIC SURGERY [A DIVISION OF SURGERY]

OTTO C. BRANTIGAN.....	Professor of Thoracic Surgery
WILLIAM L. GARLICK.....	Associate Professor of Thoracic Surgery
R. ADAMS COWLEY.....	Assistant in Thoracic Surgery
DONALD B. HEBB.....	Assistant in Thoracic Surgery
FRANK FARAINO.....	Resident in Thoracic Surgery
CALVIN Y. HADIDIAN.....	Hitchcock Fellow in Thoracic Surgery

Men having completed three years of American Board of Surgery training are eligible for appointment. The first year is spent in thoracic research surgery. The second year is in clinical thoracic surgery at Baltimore City, Mercy and University Hospitals.

TROPICAL MEDICINE [A DIVISION OF MEDICINE]

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS [A DIVISION OF MEDICINE]

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

UROLOGY [A DIVISION OF SURGERY]

W. HOUSTON TOULSON.....	Professor of Urology
KENNETH D. LEGGE.....	Professor of Clinical Urology
HOWARD B. MAYS.....	Assistant Professor of Urology
FRANCIS W. GILLIS.....	Assistant Professor of Urology
JOHN F. HOGAN.....	Assistant Professor of Urology
AUSTIN H. WOOD.....	Associate in Urology
LYLE J. MILLAN.....	Associate in Urology
L. K. FARGO.....	Associate in Urology
HUGH J. JEWETT.....	Associate in Urology
JOHN S. HAINES.....	Associate in Urology
MARTIN A. ROBBINS.....	Associate in Urology
JOHN D. YOUNG, JR.....	Associate in Urology

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student is placed on his own re-

sponsibility in arriving at a diagnosis. These dispensary classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year.....	6 hours
Fourth year.....	39 hours
Total.....	45 hours

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S.....*Director of Libraries and Professor
of Library Science*

IDA MARIAN ROBINSON, A.B., B.S.L.S.....*Librarian and Associate Professor of
Library Science*

HILDA E. MOORE, A.B., A.B.L.S.....*Associate Librarian*

FLORENCE R. KIRK.....*Assistant Librarian*

MARIE HARVIN, B.A., B.S.L.S.....*Cataloguer*

FRIEZE J. FARLEY.....*Library Assistant*

LORRAINE BATYI.....*Assistant to Cataloguer*

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. BUBERT, *Chairman and Director*DIETRICH C. SMITH, *Assistant Director and 1st Vice-chairman*L. A. M. KRAUSE, *2nd Vice-chairman*MILTON S. SACKS, *Secretary*

J. Edmund Bradley

OTTO C. BRANTIGAN

GEORGE H. BUCK

FRANK H. J. FIGGE

WILLIAM K. DIEHL

WETHERBEE FORT

JOHN C. KRANTZ, JR.

J. MORRIS REESE

ALLEN F. VOSHELL

JOHN A. WAGNER

ELIZABETH CARROLL, *Executive Secretary*The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered from September 18 to June 6th.

During the past year the Post Graduate Committee gave a day-long seminar and luncheon at the University Hospital for the Maryland Academy of General Practice. Fifty-one physicians attended.

A weekly television program has been inaugurated. The content is planned to interest and instruct the general public.

Extramural courses for County Medical Societies will be resumed in the fall. Interested Societies are requested to make their inquiries early.

A joint program designed to assist the Provident Hospital in the training of its house staffs is being considered by the Johns Hopkins University and the University of Maryland Schools of Medicine.

The following intramural postgraduate courses have been continued.

GENERAL ANATOMY: The course is designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content and duration.

ANATOMY OF HEAD AND NECK as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition \$75.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

SURGICAL ANATOMY: The course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition \$150.00.

PATHOLOGY: This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition \$150.00.

NEURO-PATHOLOGY: This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition \$200.00 plus \$10.00 laboratory fee.

GYNECOLOGY AND OBSTETRICS: This is a review for general practitioners. Students attend lectures, ward rounds and clinics, and observe operations and deliveries. Full time for twelve weeks. Tuition \$150.00.

GYNECOLOGY, ONCOLOGY AND FEMALE UROLOGY: This is a review designed primarily for the general practitioner. Students attend lectures, ward rounds and clinics and observe operations. Full time for ten weeks. Tuition \$125.00.

BASIC SCIENCES AS THEY APPLY TO THE PRACTICE OF MEDICINE. This course is designed to familiarize students with the advances in basic sciences during recent years. The course consists of 32 periods of 2 hours each, once a week between October and June. Tuition \$50.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams	Richard M. Garrett	Herbert E. Reifschneider
Marie A. Andersch	Albert E. Goldstein	Dexter L. Reimann
James G. Arnold, Jr.	Lewis P. Gundry	Henry L. Rigdon
Robert E. Bauer	Frank W. Hachtel	Harry M. Robinson, Jr
Joseph G. Bird	Jerome Hartz	Harry M. Robinson, Sr.
Harry C. Bowie	Charles W. Hawkins	Raymond C. V. Robinson
J. Edmund Bradley	Nathan B. Herman	Milton S. Sacks
Otto C. Brantigan	Harry C. Hull	John E. Savage
George H. Brouillet	J. Mason Hundley, Jr.	Sidney Scherlis
Howard M. Buber	D. Frank Kaltreider	Emil G. Schmidt
T. Nelson Carey	Theodore Kardash	William B. Settle
C. Jelleff Carr	F. Edwin Knowles, Jr.	Dietrich C. Smith
Robert Chenoweth	Vernon E. Krah	George W. Smith
Ernest I. Cornbrooks, Jr.	John C. Krantz, Jr.	Nathan Snyder
Edward F. Cotter	L. A. M. Krause	Hugh R. Spencer
Richard J. Cross, Jr.	Arnold F. Lavenstein	Melchijah Spragins
Francis G. Dickey	C. Edward Leach	Edwin H. Stewart, Jr.
William K. Diehl	Ephraim T. Lisansky	Harry A. Teitelbaum
Everett S. Diggs	William S. Love, Jr.	W. Houston Toulson
D. McClelland Dixon	Wm. V. Lovitt, Jr.	Eduard Uhlenhuth
Louis H. Douglass	Fred R. McCrumb	Henry F. Ullrich
J. Sheldon Eastland	Hugh B. McNally	Allen Fiske Voshell
Charles Reid Edwards	Howard B. Mays	John A. Wagner
Monte Edwards	Samuel Morrison	Wallace Walker
William L. Fearing	H. Whitman Newell	Milton J. Wilder
Frederick P. Ferguson	Frank J. Otenasek	Walter D. Wise
Frank H. J. Figge	Robert T. Parker	Henry L. Wollenweber
Jacob E. Finesinger	Ross Z. Pierpont	Theodore E. Woodward
A. H. Finkelstein	Maurice C. Pincoffs	Robert B. Wright
Russel S. Fisher	J. Morris Reese	George H. Yeager

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 18, 1952 TO JANUARY 24, 1953

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler</i>		Orientation 9:00-10:00 1st 3 Lectures <i>A. H.</i> Anatomy 10:00-12:00 1st 3 Sessions After Oct. 8 Anatomy 9:00-12:00 <i>1st Floor Br. Lab.</i>	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler</i>		Gross Anatomy <i>A. H.</i>
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lecture <i>A. H.</i> 1:00 to 2:00 Daily. Laboratory Bressler 1, 2:00 to 5:00 Daily					

* Course ends December 20, 1952.

SECOND SEMESTER, JANUARY 28 TO JUNE 7, 1952

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B A.H.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A A.H.	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B A.H.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A A.H.		
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	
2.00 to 3.00	~~Psychiatry Sect. A A.H.~~ <i>Univ. Hosp.</i>	Neuro- Anatomy Lecture and Laboratory <i>Bressler 2nd Floor</i>	Biol. Chem. Conference <i>Adm. 1</i>	Neuro- Anatomy Lecture and Laboratory <i>Bressler 2nd Floor</i>	Biol. Chem. Conference <i>Adm. 1</i>	
3.00 to 5.00	Neuro- Physiology 4-5 <i>Bressler 2</i>		Biostatistics 3-4 <i>Adm. 1</i>		Neuro- Physiology <i>Bressler 2 (3-4)</i>	

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.

Bressler Research Laboratory—29 S. Greene Street.

Gross Anatomy—First Floor.

Histology and Embryology—Second Floor.

Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 19-24, 1953

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 18, 1952 TO JANUARY 24, 1953

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Medicine <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	
9.30 to 10.30	Physiology Conference <i>Bressler 2</i>	Bacteriology <i>Adm. 1</i>	Bacteriology <i>Adm. 1</i>	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis 10:45-11:45 <i>C. H.</i>	
12.30	Lunch					
1.00 to 5.00	Pharmacology Lecture <i>Bressler 2</i> <i>Sect. B.</i> <i>Sect. A.</i> 1:00-2:00		Psychiatry 1:30-3:30 <i>C. H.</i>	Pharmacology Laboratory 3rd Floor <i>Bressler</i> <i>Sect. B.</i> <i>Sect. A.</i> 1:00-4:00		
	Physiology Laboratory 4th Floor <i>Bressler</i> <i>Sect. A.</i> <i>Sect. B.</i> 1:00-5:00			Physiology Laboratory 4th Floor <i>Bressler</i> <i>Sect. A.</i> <i>Sect. B.</i> 1:00-5:00		

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 26 TO JUNE 6, 1953

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.30	Surgery <i>Bressler 2</i>	Surgery <i>Bressler 2</i>	Surgical Anatomy <i>Adm. 1</i>	Medical Clinic <i>Amp.</i> Dispensary Building	Physical Diagnosis <i>Adm. 1</i>	Orthopaedics <i>Bressler 2</i>
9.30 to 10.30	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	Surgical Anatomy Laboratory <i>Bressler 1</i>		Pharmacology <i>Bressler 2</i>	Obstetrics <i>Bressler 2</i>
10.30 to 11.30	Pathology <i>C. H.</i>	Pathology <i>C. H.</i>		Pathology <i>Adm. 1</i>	Pathology <i>C. H.</i>	
11.30	Lunch					
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy <i>Adm. 1</i>	Immunology	Laboratory	Pharmacology Laboratory <i>Sect. A</i>	Pharmacology Laboratory <i>Sect. B</i>	
3.00 to 5.00	Surgical Anatomy Laboratory <i>Bressler 1</i>	Laboratory	Optional period Pathology Immunology	Physical Diagnosis <i>Sect. B</i> (3:00-5:00) <i>U. H. D.</i>	Physical Diagnosis <i>Sect. A</i> (3:00-5:00) <i>U. H. D.</i>	

|| Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.

U. H. D.—University Hospital Dispensary, Old Hospital Building.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.

Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 19-24, 1953

Final Examinations—Begin May 24, 1953

THIRD YEAR SCHEDULE

SEPTEMBER 18, 1952 TO JUNE 6, 1953

SCHEDULE 1

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	(Whole Class) Obstetrics C. H. †Gynecology March 30 to May 11	(Whole Class) Surgery C. H.	(Whole Class) Obstetrics C. H. †Gynecology Mar. 25 to May 13	(Whole Class) Surgery C. H.	(Whole Class) Pathology C. H.	(Whole Class) Surgery C. H. †Anaesthesiology Mar. 14 to May 16 Amp.
9.30 to 10.00	Transfer to Baltimore City Hospitals					
10.00 to 12.00	Physical Diagnosis, Pathology, Pediatrics and Neurology at B. C. H. (See Group Schedules)					
12.00 to 1.00	Transfer and Lunch	Transfer and Lunch	Lunch	Transfer and Lunch	Lunch	
1.00 to 2.00	(Whole Class) Nose & Throat, Urology, Otolaryngology, Proctology, Plastic Surgery C. H.	(Whole Class) *Gynecology †Eye—10 wks. Jan. 27 to Mar. 31 †Oncology —5 wks. Apr. 7 to May 5 C. H.	Medical Clinic B. C. H.	(Whole Class) Clinical Pathology Bressler 2	Obstetrics B. C. H.	
2.00 to 4.00	(Whole Class) Pathology Laboratory 31		Surgery	(Whole Class) Clinical Pathology	Surgery (2-3) B. C. H. Orthopaedics (3-4) B. C. H.	
4.00 to 5.00	(Whole Class) — † Legal Medicine § Industrial Medicine Psychiatry C. H.	(Whole Class) Hygiene and Public Health C. H.	Orthopaedics Roentgenology B. C. H.	— Laboratory Bressler 5	Neuro-Surgery B. C. H.	

* First Semester.

† Second Semester.

‡ Sept 22 to Dec. 8.

§ Dec. 15 to Feb. 9.

|| Feb. 16 to May 11

SCHEDULE 2

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8 30 to 9 20	(Whole Class) Obstetrics C. H. †Gynecology March 30 to May 11	(Whole Class) Surgery C. H.	(Whole Class) Obstetrics C. H. †Gynecology Mar. 25 to May 13	(Whole Class) Surgery C. H.	(Whole Class) Pathology C. H.	(Whole Class) Surgery C. H. Anaesthesiology Mar. 14 to May 16 Amp.
9 30 to 10 20	Pediatrics C. H.	Medicine ‡Pediatrics C. H.	Medicine ‡Pediatrics C. H.	Therapeutics ‡Pediatrics C. H.	Medicine ‡Pediatrics C. H.	Neurology C. H.
10 30 to 12 30	Operative Surgery—Bressler 6 Medical and Surgical Dispensaries—(Univ. and Mercy Sections)					
12 30 to 1 00	Lunch					
1 00 to 2 00	Same as Schedule 1		Medical Clinic Amp.	Same as Schedule 1		Psychiatry Dermatology
2 00 to 4 00			Ophthalmoscopy ** (5 weeks) B. E. H. — Obstetrics ** (5 weeks) U. H. Disp. — Otolaryngology ** (5 weeks) Univ. Hosp. 3-C			U. H. Disp 1-4
4 00 to 5 00						Obstetrics C. H.

The Junior Class will be divided into two sections—A and B. Each section reports to classes in keeping with the following schedule assignment, in which the letters represent the class sections and the numerals indicate the schedules to be followed for the periods shown.

‡ Pediatrics given the last week in each semester.

Schedule Assignment

Semester Periods:

September 18, 1952 to January 24, 1953.....A-1, B-2

January 26 to May 16, 1953.....B-1, A-2

** 5-week periods:

First Semester

Sept. 18–Oct. 22

Oct. 23–Dec. 3

Dec. 4–Jan. 17

Second Semester

Jan. 16–Feb. 28

Mar. 2–Apr. 2

Apr. 7–May 16

Sections and Schedules

Locations of Lecture Halls, etc.
 Adm. 1.—First Floor, Administration Building, 520 W. Lombard Street.
 A. H.—Anatomical Hall, Upper Hall, 522 W. Lombard Street.
 Amp.—Wilson Memorial Amphitheatre, New University Hospital, Eighth Floor.
 B. C. H.—Baltimore City Hosps., 4940 Eastern Ave.
 B. E. H.—Baltimore Eye, Ear and Throat Hospital, 1214 Eutaw Place.
 Bressler—Bressler Building, 29 S. Greene Street.
 C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.
 Univ. Hosp.—New University Hospital, Greene and Redwood Streets.
 U. H. Disp.—Old Hospital Building, S. W. Cor. Lombard and Greene Streets.
 31—31 South Greene Street.
 Clinical Pathology Laboratory—Fifth Floor, Bressler Building.
 Pathology Laboratory—31 South Greene Street, Special Rooms, Basement.

Mid-Year Examinations—January 19–24, 1953

Final Examinations—May 18–22, 1953

FOURTH YEAR SCHEDULE

SEPTEMBER 18, 1952 TO MAY 23, 1953

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks) — Neurology Cardiology Gastro-Enterology Metabolism Allergy — Roentgenology	Pediatrics (4 weeks) — Psychiatry (4 weeks)	Surgery and Surgical Specialties (8 weeks) — Urology Neuro Surgery Otolaryngology, Rhinology and Laryngology Orthopaedics — Roentgenology	Obstetrics (2 weeks) — Gynecology Oncology (2 weeks) — Dermatology & Syphilology Oncology Ophthalmology Anesthesiology (4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
Sept. 18, 1952 to Nov. 12, 1952 (8 weeks) Groups 1, 2, 3, 4 to Division 1† Groups 5, 6, 7, 8 to Division 2 Groups 9, 10, 11, 12 to Division 3† Groups 13, 14, 15, 16 to Division 4	Jan. 26, 1953 to March 21, 1953 (8 weeks) Groups 1, 2, 3, 4 to Division 3† Groups 5, 6, 7, 8 to Division 4 Groups 9, 10, 11, 12 to Division 1† Groups 13, 14, 15, 16 to Division 2
2nd Quarter	4th Quarter
Nov. 13, 1952 to Jan. 24, 1953 (8 weeks) Groups 1, 2, 3, 4 to Division 2 Groups 5, 6, 7, 8 to Division 3† Groups 9, 10, 11, 12 to Division 4 Groups 13, 14, 15, 16 to Division 1†	March 23, 1953 to May 23, 1953 (8 weeks) Groups 1, 2, 3, 4 to Division 4 Groups 5, 6, 7, 8 to Division 1† Groups 9, 10, 11, 12 to Division 2 Groups 13, 14, 15, 16 to Division 3†

* The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks. Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 7, 1952

ADAMS, CHARLES BAIRD, JR.	Maryland
ADELSTEIN, BENJAMIN ALFORD, A.B.	Pennsylvania
ADKINS, CHARLES GLEN	West Virginia
AHLQUIST, RICHARD ELMER, JR., A.B.	Washington
ALDERMAN, GEORGE CARL, JR., B.S.	Maryland
ANDREWS, JAMES WILLIAM, B.S.	Ohio
ATKINS, RAYMOND MELVIN	Maryland
BAKAL, DANIEL, B.S.	Maryland
BAKER, TIMOTHY DANFORTH, A.B.	Maryland
BERGOFKY, EDWARD HAROLD	Maryland
BERRIOS-JIMENEZ, OSVALDO	Puerto Rico
BRIDGES, JACK ARTHUR	Washington
BRITTAIN, LOWELL ELLIS, A.B.	North Carolina
BROOKS, JAMES BURCH, B.S.	Maryland
BROWN, WILLIAM MORRIS, JR., A.B.	Georgia
CARROLL, JOHN EDWARD, JR.	Maryland
CARSON, JACK OLIVER, B.S.	North Carolina
CLYMAN, DANIEL, B.S.	Maryland
COHEN, PHIN	Maryland
CULPEPPER, STUART PITNER, B.S.	Florida
DEVLIN, ANDREW JOSEPH, B.S.	Washington
DIGGS, ANDREW MONROE, B.S.	North Carolina
DiGIOVANNI, ANTHONY JOHN, A.B.	Maryland
DOUGLAS, ROBERT ARNOLD, B.S.	Florida
DOUGLASS, ROBERT CORL, JR., B.S.	Ohio
DUNFORD, WILLIAM STANLEY, JR., B.S.	Utah
ECKERT, HERBERT LEWIS	Maryland
EGBERT, LAWRENCE DEEMS, JR., A.B.	Maryland
ELGIN, LEE WILLIAM, JR.	Florida
ELLIOTT, CHARLES STANLEY	Florida
FESKI, JOSEPH PAUL	Pennsylvania
FINE, JACK	Maryland
FOLEY, MICHAEL JOSEPH	West Virginia
FRTZ, LOUIS ALBERT, B.S.	Maryland
GEHARDT, ROBERT WILLIAM	Maryland
GILLIAM, CHARLES FRANKLIN, A.B.	North Carolina
GISLASON, PAUL HAROLD, A.B.	North Dakota
GONZALEZ-RIVERA, LUIS FELIPE	Puerto Rico
GORE, JAY CALVIN, A.B.	Maryland
GRABILL, JAMES RODNEY	Maryland
GRAHAM, DAVID ERIC, B.S.	North Carolina
GRAYBEAL, CLARENCE EDWARD	Maryland
GRECO, WILLIAM RICHARD	Maryland
GRUBB, ROBERT ALVIN	Maryland
HANKOFF, LEON DUDLEY	Maryland
HARRIS, WILLIAM BENJAMIN, A.B.	North Carolina
HEIMER, WILLIAM LENOX, B.S.	Maryland
HOLMES, CHARLES MARTIN	Maryland
HOUCK, ROMULUS VANCE, JR.	Maryland
HUDGINS, WILLIAM BAIRD, A.B.	Georgia
HUNTER, DeWITT TALMAGE, JR., B.S.	Virginia
HUNTER, LAUREL VIRGINIA	Maryland
HYATT, IRVIN, B.S.	Maryland
KELLER, FRANKLIN LLOYD, A.B.	Maryland
KLINE, FRANK MENEFEY	Maryland
KNELL, JOSEPH ANTHONY, JR., A.B.	Maryland
KRAGER, JOHN MARTIN, B.S.	Maryland
KRAMER, IRVIN	Maryland
KRIEGER, MORTON MORRIS	Maryland
LAPP, HERBERT WALTER	New Jersey
LIGHTBODY, CHARLES HARRY, A.B.	Maine
LOVE, ROBERT GEORGE, B.S.	Massachusetts
MATHEWS, WILLIAM ALLEN, A.B.	Ohio
McKAY, JOHN NELSON	Maryland
OLSEN, RICHARD YOUNG, A.B.	California
PERRY, BENTON BLOCH, B.S.	Maryland
PHELPS, JAMES SOLOMON, JR., B.S.	North Carolina
PILLSBURY, WILLIAM ANDREW, JR.	Maryland
RAMIREZ-SANTISTEBAN, GILBERTO	Puerto Rico
RAPPEPORT, JONAS RALPH	Maryland
RASMUSSEN-TAXDAL, DAVID SAMUEL	Pennsylvania
REED, JULIAN WARD, B.S.	Maryland
ROBBINS, MALCOLM LEE	Maryland
ROSSON, WILLIAM DANIEL	Maryland
SCHIMMEL, BELLA FAYE, B.S.	Maryland
SHARRETT, JOHN OLIVER	Maryland
SHOFF, MAHLON JAMES, A.B.	Delaware
SINDLER, RICHARD ARNOLD, A.B.	Maryland
SLAGER, URSULA TRAUGOTT, A.B.	Maryland
SMITH, BOLYSTON DANDRIDGE	West Virginia
SMITH, GEORGE HERBERT, A.B.	Maine
SMOOT, AUBREY CANNON, JR.	Delaware
SPRITZ, NORTON, A.B.	Maryland
STAMBLER, ALVIN ABRAHAM	Maryland
STARLING, CHARLES RAY, B.S.	North Carolina
TRACE, ROBERT JAMES	Wisconsin

TROUTMAN, BELK CONNOR. North Carolina
VICENS, CARLOS NATHANIEL, B.S.

Puerto Rico

WALLACE, SCOTT PYPER, A.B. Utah

WALSH, HARRY MARTIN, B.S. Maryland

WARREN, BRYAN POPE, JR. Maryland

WATTERS, JOHN LORD, A.B.

North Carolina

WEEKS, HOWARD NELSON, B.S. . . . Maryland
WILDBERGER, ALBERT JOHN, A.B.

Maryland

WILKINSON, JOHN ROSS, JR., A.B.

North Carolina

WOLFEL, DONALD ANTHONY. Maryland

WOLVERTON, WILLIAM ROGER, A.B.

West Virginia

HONORS

UNIVERSITY PRIZE GOLD MEDAL

WILLIAM ALLEN MATHEWS

CERTIFICATE OF HONOR

EDWARD HAROLD BERGOFISKY

DANIEL CLYMAN

LEON DUDLEY HANKOFF

RICHARD ELMER AHLQUIST, JR.

ALBERT ABRAHAM STAMBLER

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

JAMES SOLOMON PHELPS, JR.

THE WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE OF PROFICIENCY

RICHARD ELMER AHLQUIST, JR.

THE LEONARD M. HUMMEL MEDAL AND CERTIFICATE OF PROFICIENCY

WILLIAM ALLEN MATHEWS

INTERNSHIPS—GRADUATES OF JUNE 7, 1952

July 1, 1952–June 30, 1953

ADAMS, CHARLES BAIRD, JR. University Hospital, Baltimore, Md.

ADELSTEIN, BENJAMIN ALFRED. University Hospital, Baltimore, Md.

ADKINS, CHARLES GLEN White Cross Hospital, Columbus, Ohio

AHLQUIST, RICHARD ELMER, JR.

University of California Hospital, San Francisco, California

ALDERMAN, GEORGE CARL. University Hospital, Baltimore, Md.

ANDREWS, JAMES WILLIAMS. Jackson Memorial Hospital, Miami, Florida

ATKINS, RAYMOND MELVIN. U.S. Public Health Service Hospital, Baltimore, Md.

BAKAL, DANIEL. Sinai Hospital of Baltimore, Inc., Baltimore, Md.

BAKER, TIMOTHY DANFORTH. University Hospital, Baltimore, Md.

BERGOFISKY, EDWARD HAROLD. Mt. Sinai Hospital, New York, N. Y.

BERRIOS-JIMENEZ, OSVALDO. Doctors Hospital, Washington, D. C.

BRIDGES, JACK ARTHUR. Good Samaritan Hospital, Portland, Oregon

BRITTAIN, LOWELL ELLIS. Rex Hospital, Raleigh, N. C.

BROOKS, JAMES BURCH. Union Memorial Hospital, Baltimore, Md.

BROWN, WILLIAM MORRIS, JR. Grady Memorial Hospital, Atlanta, Georgia

CARROLL, JOHN EDWARD, JR. Bon Secours Hospital, Baltimore, Md.

CARSON, JACK OLIVER. Rex Hospital, Raleigh, N. C.

CLYMAN, DANIEL. Jewish Hospital of Brooklyn, Brooklyn, N. Y.

COHEN, PHIN. Duke Hospital, Durham, N. C.

- CULPEPPER, STUART PITNER.....Rex Hospital, Raleigh, N. C.
 DEVLIN, ANDREW JOSEPH.....White Cross Hospital, Columbus, Ohio.
 DIGGS, ANDREW MONROE...George Washington University Hospital, Washington, D. C.
 DIGIOVANNI, ANTHONY JOHN.....Lutheran Hospital of Maryland, Inc., Baltimore, Md.
 DOUGLAS, ROBERT ARNOLD.....U.S. Naval Hospital, San Diego, California
 DOUGLASS, ROBERT CORL, JR.....Wayne County General Hospital, Eloise, Michigan
 DUNFORD, WILLIAM STANLEY, JR....U.S. Public Health Service Hospital, Seattle, Wash.
 ECKERT, HERBERT LEWIS.....University Hospital, Baltimore, Md.
 EGBERT, LAWRENCE DEEMS.....Garfield Memorial Hospital, Washington, D. C.
 ELGIN, LEE WILLIAM, JR.....University Hospital, Baltimore, Md.
 ELLIOTT, CHARLES STANLEY.....Henry Ford Hospital, Detroit, Michigan
 FISHER, JOSEPH PAUL.....McKeesport Hospital, McKeesport, Pennsylvania
 FINE, JACK.....Sinai Hospital of Baltimore, Inc., Baltimore, Md.
 FOLEY, MICHAEL JOSEPH.....University Hospital, Baltimore, Md.
 FRITZ, LOUIS ALBERT.....St. Joseph's Hospital, Baltimore, Md.
 GEBHARDT, ROBERT WILLIAM.....Cedars of Lebanon Hospital, Los Angeles, Calif.
 GILLIAM, CHARLES FRANKLIN.....Charlotte Memorial Hospital, Charlotte, N. C.
 GISLASON, PAUL HAROLD.....Abington Memorial Hospital, Abington, Penna.
 GONZALEZ-RIVERA, LUIS FELIPE.....University Hospital, Baltimore, Md.
 GORE, JAY CALVIN.....Riverside Hospital, Toledo, Ohio
 GRABILL, JAMES RODNEY.....Bon Secours Hospital, Baltimore, Md.
 GRAHAM, DAVID ERIC.....Charlotte Memorial Hospital, Charlotte, N. C.
 GRAYBEAL, CLARENCE EDWARD.....Delaware Hospital, Wilmington, Delaware
 GRECO, WILLIAM RICHARD.....University Hospital, Baltimore, Md.
 GRUBB, ROBERT ALVIN.....Harrisburg Polyclinic, Harrisburg, Pennsylvania
 HANKOFF, LEON DUDLEY.....Kings County Hospital, Brooklyn, N. Y.
 HARRIS, WILLIAM BENJAMIN
 Los Angeles County General Hospital, Los Angeles, California
 HEIMER, WILLIAM LENOX.....University Hospital, Baltimore, Md.
 HOLMES, CHARLES MARTIN
 Central Dispensary and Emergency Hospital, Washington, D. C.
 HOUCK, ROMULUS VANCE, JR.....St. Agnes Hospital, Baltimore, Maryland.
 HUDGINS, WILLIAM BAIRD.....Grady Memorial Hospital, Atlanta, Georgia
 HUNTER, DEWITT TALMAGE, JR.
 HUNTER, LAUREL VIRGINIA.....University Hospital, Baltimore, Md.
 HYATT, IRVIN.....Beth Israel Hospital, New York, N. Y.
 KELLER, FRANKLIN LLOYD.....Lutheran Hospital of Maryland, Inc., Baltimore, Md.
 KLINE, FRANK MENEFFEE.....Cincinnati General Hospital, Cincinnati, Ohio
 KNELL, JOSEPH ANTHONY, JR.....St. Joseph's Hospital, Baltimore, Md.
 KRAGER, JOHN MARTIN.....St. Joseph's Hospital, Baltimore, Md.
 KRAMER, IRVING.....Sinai Hospital of Baltimore, Inc., Baltimore, Md.
 KRIEGER, MORTON MORRIS.....Mt. Sinai Hospital, Cleveland, Ohio
 LAPP, HERBERT WALTER.....Bon Secours Hospital, Baltimore, Md.
 LIGHTBODY, CHARLES HARRY.....Worcester City Hospital, Worcester, Mass.
 LOVE, ROBERT GEORGE.....Salem Hospital, Salem, Mass.
 MATHEWS, WILLIAM ALLEN
 U.S. Public Health Service Hospital, Baltimore, Maryland
 MCKAY, JOHN NELSON.....Bon Secours Hospital, Baltimore, Md.
 OLSEN, RICHARD YOUNG.....Hospital of the Good Samaritan, Los Angeles, Cal.
 PERRY, BENTON BLOCH.....Jackson Memorial Hospital, Miami, Florida
 PHELPS, JAMES SOLOMON, JR.....Charlotte Memorial Hospital, Charlotte, N. C.

PILLSBURY, WILLIAM ANDREW Bon Secours Hospital, Baltimore, Md.
 RAMIREZ-SANTISTEBAN, GILBERTO University Hospital, Baltimore, Md.
 RAPPEPORT, JONAS RALPH Michael Reese Hospital, Chicago, Illinois
 RASMUSSEN-TAXDAL, DAVID SAMUEL University Hospital, Baltimore, Md.
 REED, JULIAN WARD U.S. Naval Hospital, St. Albans, Long Island, N. Y.
 ROBBINS, MALCOLM LEE Sinai Hospital of Baltimore, Inc., Baltimore, Md.
 ROSSON, WILLIAM DANIEL Lutheran Hospital of Maryland, Inc., Baltimore, Md.
 SCHIMMEL, BELLA FAYE Los Angeles County General Hospital, Los Angeles, California
 SHARRETT, JOHN OLIVER University Hospital, Baltimore, Md.
 SHOFF, MAHLON JAMES U.S. Public Health Service Hospital, Seattle, Washington
 SINDLER, RICHARD ARNOLD Sinai Hospital of Baltimore, Inc., Baltimore, Md.
 SLAGER, URSULA TRAUOGOTT University Hospital, Baltimore, Md.
 SMITH, BOYLSTON DANDRIDGE, JR.

U.S. Public Health Service Hospital, New Orleans, La.

SMITH, GEORGE HERBERT University Hospital, Baltimore, Md.
 SMOOT, AUBREY CANNON, JR. Delaware Hospital, Wilmington, Del.
 SPRITZ, NORTON Bellevue Hospital, Cornell Medical Division, N. Y.
 STAMBLER, ALVIN ABRAHAM Beth Israel Hospital, New York
 STARLING, CHARLES RAY University Hospital, Chapel Hill, N. C.
 TRACE, ROBERT JAMES Johns Hopkins Hospital, Baltimore, Md.
 TROUTMAN, BELK CONNOR James Walker Memorial Hospital, Wilmington, N. C.
 VICENS, CARLOS NATHANIEL San Juan City Hospital, San Juan, Puerto Rico
 WALLACE, SCOTT PYPER Tripler General Hospital, Oahu, Hawaii
 WALSH, HARRY MARTIN University Hospital, Baltimore, Md.
 WARREN, JR., BRYAN POPE Syracuse University Medical Center Hospital, N. Y.
 WATTERS, JOHN LORD University Hospital, Chapel Hill, N. C.
 WEEKS, HOWARD NELSON St. Vincent's Hospital, Bridgeport, Conn.
 WILDBERGER, ALBERT JOHN University Hospital, Baltimore, Md.
 WILKINSON, JR., JOHN ROSS Walter Reed General Hospital, Washington, D. C.
 WOLFEL, DONALD ANTHONY University Hospital, Baltimore, Md.
 WOLVERTON, WILLIAM ROGER Charleston General Hospital, Charleston, W. Va.

MATRICULANTS

SENIOR CLASS, SEPTEMBER 20, 1951 TO JUNE 7, 1952

ADAMS, CHARLES BAIRD, JR., *University of Maryland* Maryland
 ADELSTEIN, BENJAMIN ALFRED, A.B., *University of Pennsylvania, 1948* Pennsylvania
 ADKINS, CHARLES GLEN, *West Virginia University* West Virginia
 AHLQUIST, RICHARD ELMER, JR., A.B., *Stanford University, 1948* Washington
 ALDERMAN, GEORGE CARL, JR., B.S., *Loyola College, 1949* Maryland
 ANDREWS, JAMES WILLIAM, B.S., *Muskingum College, 1948* Ohio
 ATKINS, RAYMOND MELVIN, *University of Maryland* Maryland
 BAKAL, DANIEL, B.S., *Loyola College, 1948* Maryland
 BAKER, TIMOTHY DANFORTH, A.B., *Johns Hopkins University, 1948* Maryland
 BERGOFSKY, EDWARD HAROLD, *University of Maryland* Maryland
 BERRIOS, OSVALDO, *University of Puerto Rico* Puerto Rico
 BRIDGES, JACK ARTHUR, *University of Maryland* Maryland
 BRITAIN, LOWELL ELLIS, A.B., *University of North Carolina, School of Medicine,*
September 1948 to June 1950 North Carolina
 BROOKS, JAMES BURCH, B.S., *Loyola College, 1948* Maryland
 BROWN, WILLIAM MORRIS, JR., A.B., *Mercer University, 1948* Georgia
 CARROLL, JOHN EDWARD, JR., *Loyola College* Maryland
 CARSON, JACK OLIVER, B.S., *University of North Carolina, School of Medicine,*
September 1948 to June 1950 North Carolina
 CLYMAN, DANIEL, B.S., *University of Maryland, 1948* Maryland

COHEN, PHIN, <i>Duke University</i>	Maryland
CULPEPPER, STUART PITNER, B.S., <i>University of Georgia, 1948</i>	Florida
DEVLIN, ANDREW JOSEPH, B.S., <i>Gonzaga University, 1948</i>	Washington
DIGGS, ANDREW MONROE, B.S., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
DiGIOVANNI, ANTHONY JOHN, A.B., <i>Johns Hopkins University, 1948</i>	Maryland
DOUGLAS, ROBERT ARNOLD, B.S., <i>J. B. Stetson University, 1948</i>	Florida
DOUGLASS, ROBERT CORL, JR., B.S., <i>University of Toledo, 1947</i>	Ohio
DUNFORD, WILLIAM STANLEY, JR., B.S., <i>Brigham Young University, 1948</i>	Utah
ECKERT, HERBERT LEWIS, <i>University of Maryland</i>	Maryland
EGBERT, LAWRENCE DEEMS, JR., A.B., <i>Johns Hopkins University, 1948</i>	Maryland
ELGIN, LEE WILLIAM, JR., <i>University of Florida</i>	Florida
ELLIOTT, CHARLES STANLEY, <i>Emory University</i>	Florida
FISHER, JOSEPH PAUL, <i>University of Pittsburgh</i>	Pennsylvania
FINE, JACK, <i>University of Maryland</i>	Maryland
FOLEY, MICHAEL JOSEPH, <i>West Virginia University</i>	West Virginia
FRITZ, LOUIS ALBERT, B.S., <i>Loyola College, 1948</i>	Maryland
GEHARDT, ROBERT WILLIAM, <i>University of Maryland</i>	Maryland
GIBBIAM, CHARLES FRANKLIN, A.B., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
GISLASON, PAUL HAROLD, A.B., <i>University of North Dakota, 1948</i>	North Dakota
GONZALEZ, LUIS FELIPE, <i>University of Maryland</i>	Puerto Rico
GORE, JAY CALVIN, A.B., <i>Western Maryland College, 1948</i>	Maryland
GRABILL, JAMES RODNEY, <i>Georgetown University, American University</i>	Maryland
GRAHAM, DAVID ERIC, B.S., <i>University of North Carolina, Medical School, September 1948 to June 1950</i>	North Carolina
GRAYBEAL, CLARENCE EDWARD, <i>University of Maryland</i>	Maryland
GRECO, WILLIAM RICHARD, <i>University of Maryland</i>	Maryland
GRUBB, ROBERT ALVIN, <i>University of Maryland</i>	Maryland
HANKOFF, LEON DUDLEY, <i>University of Maryland</i>	Maryland
HARRIS, WILLIAM BENJAMIN, A.B., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
HEIMER, WILLIAM LENOX, B.S., <i>University of Maryland, 1948</i>	Maryland
HOLMES, CHARLES MARTIN, <i>University of Miami</i>	Maryland
HOUC, ROMULUS VANCE, JR., <i>University of Maryland</i>	Maryland
HUDGINS, WILLIAM BAIRD, A.B., <i>Emory University, 1948</i>	Georgia
HUNTER, DEWITT TALMADE, JR., B.S., <i>U. S. Naval Academy, 1945</i>	Virginia
HUNTER, LAUREL MULLINS, A.B., <i>Westhampton College, 1948</i>	Maryland
HYATT, IRVIN, B.S., <i>University of Maryland</i>	Maryland
KELLER, FRANKLIN LOYD, A.B., <i>Gettysburg College, 1945</i>	Maryland
KLINE, FRANK MENESEE, <i>University of Maryland</i>	Maryland
KNELL, JOSEPH ANTHONY, JR., A.B., <i>Loyola College, 1948</i>	Maryland
KRAGER, JOHN MARTIN, B.S., <i>Loyola College, 1948</i>	Maryland
KRAMER, IRVIN, <i>New York University</i>	Maryland
KRIEGER, MORTON MORRIS, <i>University of Maryland</i>	Maryland
LAPP, HERBERT WALTER, <i>Seton Hall College</i>	New Jersey
LIGHTBODY, CHARLES HARRY, A.B., <i>Colby College, 1948</i>	Maine
LOVE, ROBERT GEORGE, B.S., <i>Massachusetts University, 1947</i>	Massachusetts
MATHEWS, WILLIAM ALLEN, <i>Westminster College, A.B., Wittenberg College</i>	Ohio
McKAY, JOHN NELSON, <i>Ohio Wesleyan University, Gettysburg College</i>	Maryland
OLSEN, RICHARD YOUNG, A.B., <i>University of California, 1948</i>	California
PERRY, BENTON BLOCH, B.S., <i>University of Chicago, 1947</i>	Maryland
PHELPS, JAMES SOLOMON, JR., B.S., <i>University of North Carolina, 1948, School of Medicine, September 1948 to June 1950</i>	North Carolina
PILLSBURY, WILLIAM ANDREW, JR., <i>University of Oregon, Loyola College</i>	Maryland
RAMIREZ-SANTISTEBAN, GILBERTO, <i>University of Puerto Rico</i>	Puerto Rico
RAPPEPORT, JONAS RALPH, <i>University of Maryland</i>	Maryland
RASMUSSEN-TAXDAL, DAVID SAMUEL, <i>University of Maryland</i>	Pennsylvania
REED, JULIAN WARD, B.S., <i>University of Maryland</i>	Maryland
ROBBINS, MALCOLM LEE, <i>University of Maryland</i>	Maryland
ROSSON, WILLIAM DANIEL, <i>University of Maryland</i>	Maryland
SCHIMMEL, BELLA FAYE, B.S., <i>University of Michigan, 1948</i>	Maryland

SHARRETT, JOHN OLIVER, <i>University of Virginia</i>	Maryland
SHOFF, MAHLON JAMES, A.B., <i>University of Delaware, 1948</i>	Delaware
SINDLER, RICHARD ARNOLD, A.B., <i>Johns Hopkins University, 1948</i>	Maryland
SLAGER, URSULA TRAUOGOTT, A.B., <i>Wellesley College, 1948</i>	Maryland
SMITH, BOLYSTON DANDRIDGE, <i>West Virginia University</i>	West Virginia
SMITH, GEORGE HERBERT, A.B., <i>Clark University, 1948</i>	Maine
SMOOT, AUBREY CANNON, JR., <i>University of Delaware</i>	Delaware
SPRITZ, NORTON, A.B., <i>Johns Hopkins University, 1948</i>	Maryland
STAMBLER, ALVIN ABRAHAM, <i>University of Maryland</i>	Maryland
STARLING, CHARLES RAY, B.S., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
TRACE, ROBERT JAMES, <i>University of Wisconsin</i>	Wisconsin
TROUTMAN, BELK CONNOR, <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
VICENS, CARLOS NATHANIEL, B.S., <i>University of Puerto Rico, 1948</i>	Puerto Rico
WALLACE, SCOTT, PYPER, A.B., <i>University of Utah, 1948</i>	Utah
WALSH, HARRY MARTIN, B.S., <i>Washington College, 1948</i>	Maryland
WARREN, BRYAN POPE, JR., <i>University of Maryland</i>	Maryland
WATTERS, JOHN LORD, A.B., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
WEEKS, HOWARD NELSON, B.S., <i>Franklin & Marshall, 1948</i>	Maryland
WIEDBERGER, ALBERT JOHN, A.B., <i>Western Maryland College, 1948</i>	Maryland
WILKINSON, JOHN ROSS, JR., A.B., <i>University of North Carolina, School of Medicine, September 1948 to June 1950</i>	North Carolina
WOLFEL, DONALD ANTHONY, <i>University of Maryland</i>	Maryland
WOLVERTON, WILLIAM ROGER, A.B., <i>West Virginia University, 1948</i>	West Virginia

JUNIOR CLASS, SEPTEMBER 20, 1951 TO JUNE 7, 1952

ARP, LOUIS CROFT, JR., A.B., <i>State University of Iowa, 1949</i>	Illinois
BALDWIN, RICHARD MOFFETT, B.S., <i>Loyola College, 1949</i>	Maryland
BANKS, JAMES LEROY, JR., B.S., <i>Furman University, 1949</i>	South Carolina
BASTIAN, GRACE ARLENE, B.S., <i>Johns Hopkins University, 1949</i>	Maryland
BECK, GEORGE HENRY, A.B., <i>Western Maryland College, 1949</i>	Maryland
BERKELEY, SCOTT BRUCE, JR., A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
BERKOW, ROBERT, B.S., <i>University of Maryland, 1949</i>	Maryland
BLUMENFELD, SAMUEL, A.B., <i>University of Maryland, 1949</i>	Maryland
BOGGS, JAMES ERNEST, A.B., <i>West Virginia University, 1949</i>	West Virginia
BOVE, JOSEPH RICHARD, B.S., <i>University of Maryland</i>	New Jersey
BRINKLEY, GEORGE ROSS, JR., A.B., <i>West Virginia University, 1949</i>	West Virginia
BULLUCK, DAVID ERNEST, JR., B.S., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
BURKART, THOMAS JOSEPH, B.S., <i>Loyola College, 1949</i>	Ohio
BYERLY, WALTER HOUCK, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
BYRNES, BERNARD JOSEPH, JR., B.S., <i>Loyola College, 1949</i>	Maryland
CARROLL, CHARLES FISHER, JR., B.S., <i>Guilford College, 1949</i>	North Carolina
CARTER, DONALD SWEETSER, <i>Duke University</i>	Maryland
CLIFT, JOHN VINTON, B.S., <i>Hampden-Sydney College, 1949</i>	Maryland
CODINGTON, JOHN BONNELL, B.S., <i>Davidson College, 1949</i>	North Carolina
COHEN, JEROME, B.S., <i>University of Maryland</i>	Maryland
COLON-LUGO, SALOMON, <i>University of Puerto Rico</i>	Puerto Rico
DOERNER, WYAND FRANCIS, JR., B.S., <i>Mt. St. Mary's College, 1949</i>	Maryland
DOWELL, ROWLAND JUDSON, <i>University of Utah</i>	Utah
DUMLER, JOHN DONALD, B.S., <i>University of Maryland</i>	Maryland
EDLOW, JULES BERNARD, B.S., <i>University of Maryland</i>	Maryland
EYE, HARRY LUKE, A.B., <i>West Virginia University, 1949</i>	West Virginia
FIROR, HUGH VALENTINE, <i>University of Georgia</i>	Georgia
FLAX, LEONARD HAROLD, B.S., <i>University of Maryland</i>	Maryland
FRIEMAN, SYLVAN, B.S., <i>University of Maryland, 1949</i>	Maryland
GARLOCK, FREDERICK ADAMS, B.S., <i>University of Maryland</i>	Maryland
GARRISON, JOSEPH SHERMER, 3D, A.B., <i>Western Maryland College, 1949</i>	Maryland
GEVAS, GEORGE, B.S., <i>University of Maryland, 1949</i>	Maryland

GILLOTTE, JOSEPH PATRICK, B.S., <i>University of Maryland</i>	Connecticut
GLICK, LEONARD BARRY, B.S., <i>University of Maryland</i>	Maryland
GOLDSTEIN, ROBERT BRUCE, <i>University of Maryland</i>	Maryland
HARTMAN, JOHN MCMASTER, A.B., <i>West Virginia University, 1949</i>	West Virginia
HEISSE, JOHN WILBUR, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
HENSON, KENNETH CLIFFORD, B.S., <i>Salem College, 1949</i>	Maryland
HERBERT, THOMAS FRANKLYN, <i>Johns Hopkins University</i>	Maryland
HESS, CHARLES FRANKLIN, A.B., <i>McPherson College, 1949</i>	Pennsylvania
HIMMELWRIGHT, GEORGE OVERTON, B.S., <i>University of Maryland</i>	Maryland
HOLDER, WILLIAM LEWIS, A.B., <i>Emory University, 1949</i>	Georgia
HUNTLEY, EARL STUART, JR., A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	Florida
JONES, HENRY ALBERT, JR., <i>Johns Hopkins University</i>	Maryland
JONES, THOMAS LAWSON, B.S., <i>University of Maryland</i>	Maryland
JUDGE, WALTER FRANCIS, B.S., <i>University of Notre Dame, 1949</i>	New Jersey
KAESSE, WERNER ERICH, B.S., <i>Albright College, 1949</i>	Pennsylvania
KARN, WILLIAM NICHOLAS, JR., <i>Alfred University</i>	Maryland
KINGSBURY, ROBERT COBURN, B.S., <i>University of Maryland</i>	Maryland
KISER, WILLIAM SITES, B.S., <i>University of Maryland</i>	West Virginia
KNIGHT, ARTHUR CLYDE, <i>University of Montana</i>	Montana
LAMBERT, ROBERT YOUNG, A.B., <i>Emory University, 1949</i>	South Carolina
LANGRALL, HARRISON MORTON, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
LEE, BENJAMIN BUCK, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
LEIGHTON, HERBERT HOUCK, <i>Western Maryland College</i>	Maryland
LEVINE, ROBERT LEE, B.S., <i>University of Maryland</i>	Maryland
LONGO-CORDERO, RAFAEL, <i>University of Puerto Rico</i>	Puerto Rico
MADGE, GORDON EVANS, <i>College of William and Mary</i>	Maryland
MCCRACKEN, JESSE WILLIAM, B.S., <i>Guilford College, 1949, University of North Carolina, School of Medicine, September 1949 to June 1951</i>	North Carolina
MCFADDEN, ARCHIBALD WEEMS, B.S., <i>University of Maryland</i>	Maryland
MENDELSON, RONALD EDWARD, B.S., <i>University of Maryland, 1949</i>	Maryland
METCALF, JOHN WILLIAM, JR., <i>Kent State University</i>	Ohio
MIDDLETON, BENJAMIN MARTIN, <i>University of Maryland</i>	Maryland
MIGHT, JAMES EDWARD, A.B., <i>Wittenberg College, 1949</i>	Ohio
MILES, LESLIE ROY, JR., A.B., <i>West Virginia University, 1949</i>	Pennsylvania
MILLER, GEORGE HENRY, B.S., <i>University of Maryland</i>	Maryland
MILLER, NORMAN LOUIS, B.S., <i>University of Maryland</i>	Maryland
NOVEY, RIVA ESTHER, A.B., <i>Goucher College, 1935, M.S., Smith College, 1938</i>	Maryland
PALMISANO, JOSEPH FRANK, B.S., <i>University of Maryland</i>	Maryland
PECK, GEORGE CHARLES, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
POWDER, JAMES RICHARD, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
QUINN, CORBETT, LATIMER, A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
READ, JAMES LAMAR, B.S., <i>University of Maryland, 1949</i>	Maryland
RICHARDSON, JOE BERNAL, A.B., <i>Emory University, 1949</i>	Georgia
RICHMOND, LEWIS CASS, JR., <i>Duke University</i>	West Virginia
ROWE, JAMES EARLE, JR., B.S., <i>University of Maryland</i>	Maryland
SCHINDLER, RICHARD ELIAS, B.S., <i>University of Maryland</i>	Maryland
SHUMAN, JOSEPH ELLYN, B.S., <i>Washington College, 1949</i>	Maryland
SINGLETON, ROBERT TIFFANY, B.S., <i>University of Maryland</i>	Maryland
SKAGGS, THOMAS WAYNE, B.S., <i>University of Miami, 1947</i>	Florida
SLASMAN, WILLIAM HOWRY, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
SMITH, WILLIAM MEREDITH, JR., B.S., <i>Mt. St. Mary's College, 1949</i>	Maryland
SPODIS, EDWARD VERHINES, B.S., <i>University of Maryland</i>	Washington, D. C.
TEMPLETON, WILLIAM PENDLETON, B.S., <i>University of Maryland</i>	Maryland
TREIBER, MARTIN WILLIAM, B.S., <i>University of Maryland, 1948</i>	Maryland
TROXEL, JAMES ROY, A.B., <i>Johns Hopkins University, 1948</i>	Maryland
TYSON, WILLIAM ALVA WAY, B.S., <i>Dickinson College, 1949</i>	Maryland
VANCE, ARNOLD LEONARD, B.S., <i>University of Maryland</i>	Maryland
WALTER, HERBERT GUY, JR., <i>University of Nevada</i>	Nevada
WATSON, JACK THOMAS, B.S., <i>U. S. Naval Academy, 1945</i>	West Virginia
WEAVER, KARL HANNA, <i>West Virginia University</i>	West Virginia
WEBSTER, JOEL STOOPS, B.S., <i>University of Maryland</i>	Maryland
WEEKS, HARRY STEPHEN, JR., A.B., <i>West Virginia University, 1949</i>	West Virginia
WEINER, ISRAEL HOWARD, A.B., <i>Johns Hopkins University, 1949</i>	Maryland

SOPHOMORE CLASS, SEPTEMBER 20, 1951 TO JUNE 7, 1952

ABRAMS, SAMUEL JOSEPH, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
AULT, VIRGINIA LEE, B.S., <i>University of Maryland, 1950</i>	Maryland
BAITCH, ARTHUR, <i>University of Maryland</i>	Maryland
BARR, JOHN WILLIAM, B.C.S., <i>University of Georgia, 1948</i>	Maryland
BAUERNSCHUB, GEORGE MARBRY, JR., B.S., <i>Loyola College, 1950</i>	Maryland
BEACH, ROBERT WILLIAM, III, B.A., <i>Yale University, 1950</i>	Maryland
BECHTOLD, JEAN CAROL, <i>University of Maryland</i>	Maryland
BERCK, BEVERLY JEAN, B.A., <i>Asbury College, 1950</i>	Maryland
BERNARDO, ANTHONY A., B.S., <i>University of Maryland, 1950</i>	Rhode Island
BERNTSON, DALE RAMPSTON, B.A., <i>University of Utah, 1949</i>	Utah
BESSON, EDWIN HENRY TAYLOR, B.S., <i>Washington College, 1950</i>	Maryland
BETZ, RICHARD NORMAN, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
BLUMENFELD, HERBERT LEE, <i>University of Maryland</i>	Maryland
BROWN, STUART MORTON, <i>University of Maryland</i>	Maryland
BULLOCK, ALLEN CULPEPPER, JR., B.S., <i>Bates College, 1950</i>	Maine
CARNEY, MARY KATHLEEN, B.A., <i>College of Notre Dame, 1950</i>	Maryland
COHEN, EARL, <i>University of Maryland</i>	Maryland
COYLE, JEAN MARIE, <i>University of Maryland</i>	Maryland
DEFENDINI, EFRAIN ANTONIO, <i>University of Puerto Rico</i>	Puerto Rico
DORAN, WILLIAM FRANCIS, B.S., <i>Allegheny College, 1950</i>	Pennsylvania
EDWARDS, ARTHUR GEORGE, JR., <i>University of Maryland</i>	Maryland
ELLIN, MORTON JACK, <i>University of Maryland</i>	Maryland
EPSTEIN, YALE, <i>University of Maryland</i>	Maryland
EVANS, THEODORE EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
FIELDS, ANN, B.S., <i>University of Maryland, 1947</i>	Maryland
FITCH, CHARLES THOMAS, B.S., <i>George Washington University, 1950</i>	Maryland
FORREST, OTTO NORMAN, JR., B.A., <i>Duke University, 1949</i>	Maryland
FRAMM, DANIEL HERSCHEL, <i>University of Maryland</i>	Maryland
FREED, MALCOLM FELIX, <i>University of Maryland</i>	Maryland
FRITZ, GEORGE SUPPES, <i>University of Maryland</i>	Maryland
FRUTH, RICHARD LAWRENCE, B.A., M.S., <i>W. Va. University, 1949, 1950</i>	West Virginia
FUNKHOUSER, GEORGE RICHARD, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GABLE, WALTER DELAY, <i>University of Maryland</i>	Maryland
GERWIG, JOHN MONROE, JR., B.A., <i>Johns Hopkins University, 1950</i>	Maryland
GESSNER, JOHN EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
GLICK, LOUIS MICHAEL, <i>Mt. St. Mary's College</i>	Maryland
GOLDSMITH, RALPH SAMUEL, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GUNNING, JEAN JACQUES, B.A., <i>Loyola College, 1950</i>	Maryland
HAMMER, CHARLES JOHN, JR., B.A., <i>Western Maryland College, 1950</i>	Maryland
HARTMAN, JOHN FREDERICK, B.S., <i>Loyola College, 1950</i>	Maryland
HARVEY, HAROLD DEWEY, B.A., B.S., <i>Southwest Missouri State Coll., 1950</i>	Missouri
HATFIELD, WILLIAM HENRY, JR., B.A., <i>St. John's College, 1941</i>	Maryland
HAYES, JAMES WESTCOTT, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
HEADLEY, WILLIAM MCKENDREE, B.S., <i>University of Maryland, 1950</i>	Maryland
HOLCOMBE, ROBERT CALKINS, B.A., <i>Washington University, 1950</i>	Illinois
HOPF, EDWARD WARREN, B.S., <i>Loyola College, 1950</i>	Maryland
HOUPT, WILLIAM PIERRE, B.A., <i>Loyola College, 1950</i>	Maryland
HUNT, THOMAS EDWARD, JR., B.A., <i>West Virginia University, 1950</i>	West Virginia
JONES, RICHARD ARVIN, B.A., <i>Bridgewater College, 1950</i>	Maryland
JONES, ROSELLA EDITH, B.A., <i>Indiana University, 1949</i>	Maryland
KAPLAN, IRVIN BERNARD, B.S., <i>University of Maryland, 1949</i>	Maryland
KEEFE, RAYMOND BERNARD, B.S., <i>College of the Holy Cross, 1950</i>	Connecticut
KIESTER, THOMAS EDWARD, B.A., <i>Wittenberg College, 1950</i>	Ohio
KLOHR, EDWARD SMITH, JR., <i>Western Maryland College</i>	Maryland
KNOTTS, BENJAMIN FRANKLIN, JR., B.A., <i>Duke University, 1950</i>	Florida
LAVINE STANFORD A., B.S., <i>University of Maryland, 1950</i>	Pennsylvania
LEVIN, HERBERT JOSEPH, B.S., <i>University of Maryland, 1950</i>	Maryland
LEVINE, HILBERT MERRILL, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
LEVY, DAVID ALFRED, <i>University of Maryland</i>	Maryland
LOOFF, DAVID HENRY, B.S., <i>State College of Washington, 1950</i>	Washington
MAWHINNEY, CHARLES, JR., B.S., <i>University of Pittsburgh, 1948</i>	Pennsylvania
MCGONIGLE, JOHN JEROME, JR., B.A., <i>Holy Cross College, 1950</i>	Massachusetts
MOSS, IRWIN HAROLD, B.A., <i>Johns Hopkins University, 1949</i>	Maryland

MUELLER, CHARLES HERBERT, JR., B.S., <i>Wheaton College, 1940</i>	Maryland
MUELLER, EUGENE ALEXANDER, B.S., <i>Mt. Union College, 1949</i>	Ohio
MURPHY, JOHN DAILY, B.A., <i>Centre College, 1950</i>	Illinois
NAFZINGER, MOSES LEROY, B.S., <i>Juniata College, 1950</i>	Maryland
NANGLE, GERALD FRANCIS, B.A., <i>Ohio State University, 1948</i>	Maryland
NOYA, JOSEPH, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
OWENS, DAVID, B.S., <i>Loyola College, 1950</i>	Maryland
PACKARD, ALBERT GIBSON, JR., B.A., <i>Johns Hopkins University, 1950</i>	Maryland
PATS, ALBERT, B.S., <i>University of Maryland, 1950</i>	Maryland
PATTEN, DAVID HALES, B.A., <i>Western Maryland College, 1950</i>	Maryland
PEREZ ARZOLA, MIGUEL, <i>University of Puerto Rico</i>	Puerto Rico
RAAB, HELLMUGH, <i>Florida Southern College</i>	Maryland
RAINNESS, MORRIS, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
ROBERTS, ROBERT REUEL RICHARD, B.S., <i>University of Maryland, 1950</i>	Maryland
SCHLENOFF, MILTON, B.S., <i>University of Maryland, 1950</i>	Maryland
SHAMER, MARGARET GILLETTE, B.A., <i>Woman's College of the University of North Carolina, 1948</i>	Maryland
SHAPIRO, JEROME EDWIN, B.A., <i>Johns Hopkins University, 1949</i>	Maryland
SHOCHET, BERNARD RICHARD, <i>University of Maryland</i>	Maryland
SIMPSON, MARSHALL ALBERT, <i>Western Maryland College</i>	Delaware
SMITH, JOSEPH RAYMOND, B.A., <i>Union College, 1950</i>	Pennsylvania
SMYTH, JAMES WALTER, B.S., <i>Loyola College, 1950</i>	Maryland
SOLON, THOMAS JOHN, <i>University of Maryland</i>	New York
TEETER, JAMES HERRING, B.A., <i>Gettysburg College, 1950</i>	Maryland
THAMES, RUFUS, B.S., <i>University of Florida, 1950</i>	Florida
TRACY, HAROLD WILLIAM, JR., B.S., <i>University of Maryland, 1950</i>	Maryland
TRAPNELL, HENRY ROGERS, <i>University of Virginia</i>	Maryland
TUBLIN, IRA NATHAN, B.S., <i>University of Maryland, 1950</i>	Maryland
WALL, GEORGE HENRY, B.S., <i>University of Maryland, 1950</i>	Maryland
WEISS, HAROLD ROBERT, <i>University of Maryland</i>	Maryland
WELLIVER, DANIEL IRVIN, B.A., <i>Western Maryland College, 1950</i>	Maryland
WELTON, WILLIAM ARCH, JR., B.A., <i>Harvard University, 1950</i>	West Virginia
WHITE, KENNETH HOWARD, JR., B.A., <i>Youngstown College, 1950</i>	Ohio
WHITTAKER, ARTHUR VANCE, B.S., <i>Geneva College, 1949</i>	Pennsylvania
WILD, WILLIAM OTTO, B.S., <i>Mt. Union College, 1950</i>	Ohio
WOHL, MILTON JACK, B.S., <i>University of Dayton</i>	Maryland
YIM, ROBERT EARL, B.S., <i>University of Nevada, 1950</i>	Nevada

FRESHMAN CLASS, SEPTEMBER 20, 1951 TO JUNE 7, 1952

ALBRECHT, JOHN GEORGE, <i>Adelphi College</i>	New York
BAER, GEORGE KOHLER, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BALCERZAK, STANLEY PAUL, JR., <i>University of Pittsburgh</i>	Pennsylvania
BALL, JAMES JOHN, <i>University of Illinois</i>	Maryland
BARNETT, ROBERT MAITLAND, JR., <i>College of Charleston</i>	South Carolina
BENITEZ-VAN RHYN, EUGENIO ENRIQUE, B.S., <i>University of Puerto Rico, 1951</i>	Puerto Rico
BEYER, OTTO CHRISTIAN, B.S., <i>Loyola College, 1951</i>	Maryland
BLANKMAN, NORMAN, <i>University of Maryland</i>	Maryland
BRADLEY, ALBERT BENNETT, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BRUNSCHWYLER, PHILIP CRAIG, A.B., <i>West Virginia University, 1951</i>	West Virginia
BULLARD, FOSTER LUCIUS, JR., A.B., <i>Emory University, 1951</i>	Florida
CAMERON, DONALD CHISHOLM, B.A., <i>University of Delaware, 1951</i>	Delaware
CAPEL, NEAL CONRAD, B.S., <i>University of Utah, 1951</i>	Utah
CAVALLARO, JOSEPH WILLIAM, B.S., <i>University of Maryland, 1950</i>	Maryland
CHARLES, RODERICK EDWARD, B.S., <i>Howard University, 1951</i>	Maryland
CLAY, WILLIAM HOLMES, B.S., <i>Wake Forest College, 1951</i>	Maryland
CLOSE, JAMES MCCLAY, B.A., <i>Virginia Military Institute, 1951</i>	Maryland
COHEN, JONAS KOLKER, A.B., <i>University of Maryland, 1950</i>	Maryland
COLE, ROGER WILLARD, <i>University of Maryland</i>	Maryland
CORNELL, ROGER DETLEF, B.S., <i>Davidson College, 1951</i>	Maryland
COWAN, THOMAS WARNER, <i>University of Maryland</i>	Maryland
COX, EVERARD FRANCIS, B.S., <i>University of Utah, 1951</i>	Utah
DALY, MARY VIOLA, B.S., <i>American University, M.S., Iowa State College</i>	Maryland

DANN, THEODORE ALVIN, <i>University of Maryland</i>	Maryland
DARRELL, JOHN JOSEPH, <i>Loyola College</i>	Maryland
DAVIS, THOMAS EDWARD, B.A., <i>Washington & Lee University, 1951</i>	Maryland
DEMBO, DONALD HOWARD, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
DIEDERICH, HENRY AUGUST, B.A., <i>Wittenberg College, 1951</i>	Ohio
DVORINE, WILLIAM, B.A., <i>Western Maryland College, 1950</i>	Maryland
ENGERS, JOHN ALBERT, JR., B.S., <i>Georgetown University, 1950</i>	Maryland
ESHELMAN, JOSEPH CHALICE, <i>University of Maryland</i>	Maryland
FELDMAN, MARTIN JEROME, B.S., <i>Loyola College, 1951</i>	Maryland
FREDERICK, JAMES NELSON, A.B., <i>West Virginia University, 1951</i>	West Virginia
FRISKEY, GEORGE HAMILTON, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GALLOWAY, CHARLES BARTON, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GAULD, JOHN ROSS, A.B., <i>University of Maryland, 1951</i>	Maryland
GELHAUS, VERNON MAYNARD, <i>Loyola College</i>	Maryland
GIFFORD, GEORGE EDMUND, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
GILMORE, GEORGE TRAVERS, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDBERG, JULIAN ROBERT, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDNER, MARVIN ALFRED, <i>University of Maryland</i>	Maryland
GOSHORN, GARY SWAN, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
HARRIS, DANIEL BERNARD, B.S., <i>University of Maryland, 1951</i>	Maryland
HECKER, ALVIN WILFRED, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HERBST, HARRY HERMAN, <i>University of Maryland</i>	Maryland
HIGMAN, HENRY BOOTH, B.A., <i>St. Johns College, 1950</i>	Maryland
HIMMLER, WALTER NORMAN, <i>University of Maryland</i>	Maryland
HOLLISTER, WILLIAM, JR., B.S., <i>Davidson College, 1951</i>	North Carolina
HOPKINS, PETER HOLMES, B.S., <i>Randolph-Macon College, 1951</i>	Maryland
HUDSON, PAUL CARROLL, A.B., <i>Princeton University, 1948</i>	Maryland
HUGHES, JAMES LEWIS, B.S., <i>Georgetown University, 1951</i>	Maryland
IWANTSCH, ALFRED EDMUND, <i>Johns Hopkins University</i>	Maryland
JAMES, WALTER EDWARD, <i>University of Maryland</i>	Maryland
KAPPELMAN, MURRAY MARTIN, <i>University of Maryland</i>	Maryland
KEEFE, WILLIAM PETER, B.S., <i>College of the Holy Cross, 1951</i>	Connecticut
KEEGAN, JAMES THOMAS, B.A., <i>Dartmouth College, 1951</i>	Connecticut
KIMMEL, LOUIS EDMUND, JR., <i>University of Maryland</i>	Maryland
KING, DANIEL DENOON, JR., B.S., <i>College of William and Mary, 1951</i>	Maryland
KIRBY, WILLIAM HENRY, JR., B.E., <i>Johns Hopkins University, 1943, M.S. Johns Hopkins University, 1951</i>	Maryland
KLUGMAN, YALE LEE, <i>University of Maryland</i>	Maryland
KOONS, CHARLES RONALD, B.S., <i>Purdue University, 1951</i>	New Jersey
KRAMER, MORTON DAVID, B.S., <i>University of Maryland, 1950</i>	Maryland
KRONE, WILLIAM FRANK, JR., B.A., <i>Washington and Jefferson College, 1951</i> ...	Maryland
LANCASTER, ROBERT GREGORY, <i>Gonzaga University</i>	Washington
LAVY, NORMAN WILBUR, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
LEIGHTON, RICHARD FREDERICK, B.A., <i>Western Maryland College, 1951</i>	Maryland
LEIPOLD, ERNEST ADAM, JR., <i>Johns Hopkins University</i>	Maryland
LEWANDOWSKI, ANTHONY ADAM, B.A., <i>Loyola College, 1951</i>	Maryland
LIPSITZ, SIDNEY MELBOURNE, JR., B.A., <i>University of Maryland, 1949</i>	Maryland
LONGO, FRANK WALTER, B.S., <i>University of Maryland, 1951</i>	Connecticut
McGOWAN, JOHN PETER, B.S., <i>St. John's University, 1951</i>	New York
McINTYRE, DAVID BECK, B.S., <i>University of Maryland, 1951</i>	Maryland
MENDELSON, JACK HAROLD, <i>Johns Hopkins University</i>	Maryland
MIKOLOSKI, VINCENT STANLEY, JR., B.A., <i>Clark University, 1951</i>	Massachusetts
MOONEY, ALBERT LEE, B.S., <i>Washington College, 1943</i>	Maryland
MORNINGSTAR, GEORGE LEO, A.B., <i>West Virginia University, 1951</i>	West Virginia
MORSE, LEONARD JACK, B.A., <i>American International College, 1951</i>	Massachusetts
MUELLER, PAUL GODFREY, <i>Loyola College</i>	Maryland
NATARO, FRANK ROBERT D'ANNEO, B.A., <i>Yale University, 1947, M.B.A., Columbia University, 1951</i>	New Jersey
NEELEY, JAMES PATTON, JR., B.S., <i>University of Utah, 1951</i>	Utah
NEWKIRK, MEIGS ALBERT, B.S., <i>Hampden-Sydney College, 1951</i>	Maryland
POLIS, GEORGE NICHOLAS, B.S., <i>Georgetown University, 1951</i>	District of Columbia
PRATT, CHARLES BENTON, JR., A.B., <i>University of North Carolina, 1951</i> ...	North Carolina
RASKIN, JOAN, A.B., <i>Goucher College, 1951</i>	Maryland

SAMORODIN, VIOLET SELMA, <i>University of Maryland</i>	Maryland
SAX, ALBERT MORTON, B.S., <i>Western Reserve University, 1951</i>	Maryland
SCHANBERGER, JOHN EDWARD, B.A., <i>Loyola College, 1951</i>	Maryland
SHIREY, ROBERT GARLAND, B.S., <i>West Virginia University, 1951</i>	West Virginia
SMALL, RICHARD ELWOOD, A.B., <i>Gettysburg College, 1951</i>	Pennsylvania
SNYDER, CLOVIS MARENE, B.A., <i>Washington and Lee University, 1951</i>	Maryland
SPOCK, ALEXANDER, B.S., <i>Loyola College, 1951</i>	Pennsylvania
STAGGERS, PHILLIP GARY, <i>University of Maryland</i>	West Virginia
STERLING, WILLIAM NORTON, B.S., <i>George Washington University, 1951</i>	District of Columbia
STEWART, DONALD WALLACE, B.S., <i>Morgan State College, 1951</i>	Maryland
STITCHER, JOSEPH EDWARD, <i>University of Maryland</i>	Maryland
SUSSMAN, KARL EDGAR, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
THATCHER, LIONEL GILBERT, <i>Miami University</i>	Maryland
THORPE, PETER VAN BOEKEL, A.B., <i>Brown University, 1941</i>	Maryland
TRUCKER, ALBERT LEROY, JR., B.A., <i>Johns Hopkins University, 1951</i>	Maryland
WAGNER, HERBERT CHARLES, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
WALTON, FRED RICHARD, B.A., <i>Indiana University, 1950</i>	Indiana
WARD, ANN MARIE, B.A., <i>Barnard College, 1951</i>	New Jersey
WELLING, CHARLES CLARK, B.S., <i>University of Utah, 1951</i>	Utah
YOUSEM, HERBERT LEONARD, B.A., <i>Johns Hopkins University, 1951</i>	Maryland

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1951 to June 30, 1952

SURGICAL ANATOMY

BLAIR, EMIL, M.D.	Savannah, Ga.	<i>Medical College of Georgia</i>
BOKHAIR, L., M.D.	Brooklyn, N. Y.	<i>American University</i>
BRENDLE, WM. K., M.D.	Baltimore, Md.	<i>University of Maryland</i>
CHEN, WALTER T., M.D.	Shanghai, China	<i>Aurora University, Shanghai</i>
CRANE, PAUL S., M.D.	Nashville, Tenn.	<i>Johns Hopkins School of Med.</i>
DALY, HAROLD L., JR., M.D.	Baltimore, Md.	<i>University of Maryland</i>
EZZET, FAIK, M.D.	Baquba, Iraq	<i>Bagdad Royal College of Med.</i>
GILBERT, RICHARD A., M.D.	Baltimore, Md.	<i>University of Virginia</i>
GOEHRS, HOMER RICHARD, M.D.	Houston, Texas	<i>Baylor Univ. College of Med.</i>
GOTSSES, PAUL S., M.D.	Fairmont, W. Va.	<i>Medical College of Virginia</i>
HOULE, LAURENT B., M.D.	Baltimore, Md.	<i>Tufts College Med. School</i>
MASSENBURG, GEORGE Y., M.D.	Macon, Georgia	<i>University of Maryland</i>
NIPKOW, HANS, M.D.	Baltimore, Md.	<i>Ludwig Maximilian Univ., Germany</i>
PANICO, FREDERICK G., M.D.	Atlantic City, N. J.	<i>Univ. of Pennsylvania</i>
SADOWSKY, WALLACE H., M.D.	Perryville, Md.	<i>University of Maryland</i>
SINDELAR, JOSEPH B., M.D.	Baltimore, Md.	<i>Creighton University</i>
TAN, SENG-NGO, M.D.	Manila, Philippines	<i>University of the Philippines</i>
TOMA, JOHN J., M.D.	Hollywood, Cal.	<i>Univ. Budapest, Hungary</i>
WELCOME, HENRY C., M.D.	Baltimore, Md.	<i>Meharry Med. School</i>
WOODWARD, ARTHUR F., M.D.	Baltimore, Md.	<i>University of Maryland</i>

GENERAL ANATOMY

HOWARD, I. RAY, M.D.	Baltimore, Md.	<i>Geo. Washington Univ.</i>
EYE, EAR, NOSE & THROAT		
HEMMINGER, EARL W., M.D.	Ellicott City, Md.	<i>University of Maryland</i>
KLEIMAN, BERNARD S., M.D.	Baltimore, Md.	<i>University of Maryland</i>
MICHAEL, THOMAS, D., M.D.	Baltimore, Md.	<i>Jefferson Medical College</i>

BASIC SCIENCES IN GENERAL PRACTICE

ANNIKO, PAUL H., M.D.	Baltimore, Md.	<i>Univ. of Tartu, Estonia</i>
ARRABAL, CARLOS E., M.D.	Baltimore, Md.	<i>Univ. of Havana, Cuba</i>
BIRD, JOSEPH G., M.D.	Baltimore, Md.	<i>University of Maryland</i>
BLAIR, EMIL, M.D.	Savannah, Ga.	<i>University of Georgia</i>
BLECHMAN, ABRAM J., M.D.	Baltimore, Md.	<i>Medical College of Virginia</i>
BLUM, JOSEPH S., M.D.	Baltimore, Md.	<i>University of Maryland</i>
BORGES, FRANCIS J., M.D.	Baltimore, Md.	<i>University of Maryland</i>
BOSSARD, JOHN W., M.D.	Glen Burnie, Md.	<i>University of Maryland</i>
BRONUSHAS, JOS. B., M.D.	Baltimore, Md.	<i>University of Maryland</i>
CHAMBERS, ROBERT G., M.D.	Baltimore, Md.	<i>Duke University</i>
CONWAY, WILLIAM M., M.D.	Baltimore, Md.	<i>Loyola of Chicago</i>
COOK, ELMER E., JR., M.D.	Baltimore, Md.	<i>University of Maryland</i>
COWLEY, R. ADAMS, M.D.	Baltimore, Md.	<i>University of Maryland</i>
CUNNICK, PAUL C., M.D.	Davenport, Iowa	<i>Iowa State Univ.</i>
D'ANTONIO, JOSEPH, M.D.	Baltimore, Md.	<i>University of Maryland</i>
DEL CAMPO, AUGUSTIN, M.D.	Havana, Cuba	<i>Univ. of Havana, Cuba</i>
DUNN, GEORGE M., M.D.	Washington, D. C.	<i>University of Maryland</i>
ERWIN, JOHN J., M.D.	Baltimore, Md.	<i>University of Maryland</i>
ESCH, VICTOR H., M.D.	Washington, D. C.	<i>Geo. Washington Univ.</i>
FARAINO, FRANK A., M.D.	Baltimore, Md.	<i>University of Maryland</i>
FITZGERALD, JOSEPH C., M.D.	Baltimore, Md.	<i>University of Maryland</i>
FLEMING, ARTHUR RAY, M.D.	Jane Lew, W. Va.	<i>Temple University</i>
FRENKIL, JAMES, M.D.	Baltimore, Md.	<i>University of Maryland</i>
FRIEDMAN, JOSEPH, M.D.	Baltimore, Md.	<i>University of Maryland</i>
FUTTERMAN, PERRY, M.D.	Baltimore, Md.	<i>University of Maryland</i>
GOLDBERG, RAYMOND B., M.D.	Baltimore, Md.	<i>University of Maryland</i>
GOTTLIEB, SINCLAIR S., M.D.	Miami Beach, Fla.	<i>Univ. of Vienna, Austria</i>
HADDIDIAN, CALVIN Y., M.D.	Beirut, Lebanon	<i>American University of Beirut</i>
HAMBERRY, LEONARD G., M.D.	Baltimore, Md.	<i>University of Maryland</i>
HEALY, JOHN C., M.D.	Baltimore, Md.	<i>University of Maryland</i>
HIGHTOWER, JOHN ALLEN, M.D.	Baltimore, Md.	<i>University of Maryland</i>
JENNINGS, ERWIN R., M.D.	Milledgeville, Ga.	<i>University of Maryland</i>
KERNAHAN, WM. T., JR., M.D.	Chicago, Ill.	<i>Northwestern Univ.</i>
KUDIRKA, JUSTIN, M.D.	Baltimore, Md.	<i>Vytautas De Great, Lithuania</i>
KUZIN, MINO, M.D.	Baltimore, Md.	<i>Charles Univ., Prague</i>
LAMBROS, BYRUTH LENSON, M.D.	Baltimore, Md.	<i>University of Maryland</i>
LANE, JULIAN S., M.D.	Lexington Park, Md.	<i>New York Univ.</i>
LERCHIS, ARNOLD, M.D.	Henryton, Md.	<i>Univ. of Riga, Latvia</i>
MACGIBBON, JOHN B., M.D.	Baltimore, Md.	<i>Univ. of New Zealand</i>
MACULANS, EDGAR M., M.D.	Henryton, Md.	<i>Univ. of Riga, Latvia</i>
MICHAEL, THOMAS D., M.D.	Baltimore, Md.	<i>Jefferson Medical College</i>
MASSENBURG, GEORGE Y., JR., M.D.	Macon, Ga.	<i>University of Maryland</i>
NELSON, ALFRED S., M.D.	Baltimore, Md.	<i>Univ. of Minnesota</i>
PANICO, FREDERICK G., M.D.	Atlantic City, N. J.	<i>Univ. of Pennsylvania</i>
PARKER, ROBERT T., M.D.	Towson, Md.	<i>Johns Hopkins Univ.</i>
PARROTT, FRANK S., M.D.	Goldsboro, N. C.	<i>University of Maryland</i>
PENTON, R. SIM, M.D.	Wetumpka, Ala.	<i>Johns Hopkins Univ.</i>
QUIRINO, CONSTANCE D., M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
RAMIREZ, RAFAEL V., M.D.	Corozal, Puerto Rico	<i>Tulane Univ.</i>
REVER, WILLIAM B., JR., M.D.	Baltimore, Md.	<i>University of Maryland</i>

BASIC SCIENCES IN GENERAL PRACTICE, *continued*

SCHMALZ, ARTHUR H., JR., M.D.	Lincoln, Nebraska	<i>University of Maryland</i>
SCOTT, ROGER D., M.D.	Miami, Florida	<i>University of Maryland</i>
SMITH, SOL, M.D.	Baltimore, Md.	<i>University of Maryland</i>
STEINBACH, STANLEY, M.D.	Baltimore, Md.	<i>University of Maryland</i>
TAN, SENG-NGO, M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
TKACZUK, ILLA, M.D.	Baltimore, Md.	<i>Univ. Innsbruck, Austria</i>
WALKER, LESLIE A., M.D.	Providence, R. I.	<i>University of Rochester</i>
WALLENSTEIN, LEONARD, M.D.	Baltimore, Md.	<i>University of Maryland</i>
WARREN, JOHN M., M.D.	Laurel, Md.	<i>University of Maryland</i>
WILLIAMS, CHARLES H., M.D.	Pikesville, Md.	<i>University of Maryland</i>
WORKMAN, JOSEPH B., M.D.	Baltimore, Md.	<i>University of Maryland</i>

EXPERIMENTAL SURGERY

From Baltimore City Hospitals

FARAINO, FRANK A., M.D.	Baltimore, Md.	<i>University of Maryland</i>
KERNAHAM, WM. T., JR., M.D.	Chicago, Ill.	<i>Northwestern Univ.</i>
LATTIMORE, THOMAS J., JR., M.D.	Macon, Georgia	<i>University of Georgia</i>
PANICO, FREDERICK G., M.D.	Atlantic City, N. J.	<i>University of Pennsylvania</i>

From Mercy Hospital

HAMBERRY, LEONARD G., M.D.	Baltimore, Md.	<i>University of Maryland</i>
REVER, WILLIAM B., JR., M.D.	Baltimore, Md.	<i>University of Maryland</i>

From St. Joseph's Hospital

NIPKOW, HANS, M.D.	Baltimore, Md.	<i>Ludwig Maximilian Univ. Munich</i>
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EXTRAMURAL POSTGRADUATE STUDENTS

PHYSICIANS ATTENDING POSTGRADUATE SEMINAR GIVEN FOR THE MARYLAND
ACADEMY OF GENERAL PRACTICE AT UNIVERSITY HOSPITAL
DECEMBER 6, 1951

EDWARD J. ALESSI, M.D., Baltimore, Maryland	J. BEN DOROGI, M.D., Cardiff, Maryland
WALTER A. ANDERSON, M.D., Baltimore, Maryland	ROBERT E. ENSOR, M.D., Chestertown, Maryland
PHILIBERT ARTIGIANI, M.D., Baltimore, Maryland	ROBERT E. FARBER, M.D., Sparrows Point, Maryland
EUGENE I. BAUMGARTNER, M.D., Oakland, Maryland	JAMES FRENKIL, M.D., Baltimore, Maryland
WILLIAM D. BRAININ, M.D., Capitol Heights, Maryland	JOSEPH FRIEDMAN, M.D., Baltimore, Maryland
JOHN D. BUBERT, M.D., Baltimore, Maryland	SIGMUND GOLDBERG, M.D., Baltimore, Maryland
GEORGE E. BURGTORF, M.D., Ellicott City, Maryland	GEORGE J. HAGEAGE, M.D., Cottage City, Maryland
KATHARINE A. CHAPMAN, M.D., Kensington, Maryland	A. B. HUGHES, M.D., Baltimore, Maryland
JOHN COSTANTINI, M.D., Baltimore, Maryland	LAURISTON L. KEOWN, M.D., Baltimore, Maryland
CHARLES P. CRIMY, M.D., Baltimore, Maryland	LEWIS A. KLEIN, M.D., Washington, D. C.
W. B. CULWELL, M.D., Mt. Airy, Maryland	BENDER B. KNEISLEY, M.D., Hagerstown, Maryland
W. C. CURTIS, M.D., San Angelo, Texas	GEORGE A. KNIPP, M.D., Baltimore, Maryland
	HARRY L. KNIPP, M.D., Baltimore, Maryland

STEPHEN C. MACKOWIAK, M.D., Baltimore, Maryland	HAROLD B. PLUMMER, M.D., Preston, Maryland
STEPHEN LEE MAGNESS, M.D., Catonsville, Maryland	LOUIS J. PRATT, M.D., Towson, Maryland
LAWRENCE MARYANOV, M.D., Cambridge, Maryland	H. O. ROBBINS, M.D., Berlin, Maryland
FERN E. MCALLISTER, M.D., Baltimore, Maryland	H. W. SCHEYE, M.D., Baltimore, Maryland
B. A. MOXNESS, M.D., Chevy Chase, Maryland	L. R. SCHOOLMAN, M.D., Frederick, Maryland
J. W. MYEROWITZ, M.D., Baltimore, Maryland	WM. S. SEYMOUR, M.D., Easton, Maryland
NATHAN E. NEEDLE, M.D., Baltimore, Maryland	WALTER H. SHEALY, M.D., Sharpsburg, Maryland
EUGENE F. NEVY, M.D., Dundalk, Maryland	R. KIND SHIRLEY, M.D., Smithsburg, Maryland
SIDNEY NOVENSTEIN, M.D., Funkstown, Maryland	BENJ. I. SIEGEL, M.D., Pikesville, Maryland
CHARLES F. O'DONNELL, M.D., Towson, Maryland	W. GLENN SPEICHER, M.D., Westminster, Maryland
WILLARD A. PARSON, M.D., Halethorpe, Maryland	F. J. TOWNSEND, JR., M.D., Ocean City, Maryland
	JOHN P. URLOCK, JR., M.D., Baltimore, Maryland
	HUGH W. WARD, M.D., Owings, Maryland
	JOHN M. WARREN, M.D., Laurel, Maryland
	IRA M. ZIMMERMAN, M.D., Williamsport, Maryland

SUMMARY OF STUDENTS

September 20, 1951 to June 7, 1952

<i>Medical Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Senior Class.....	94	3	97
Juni r Class.....	92	2	94
Sophomore Class.....	89	6	95
Freshman Class.....	100	4	104
Medical Students.....	375	15	390
Intramural Post-Graduate Students.....	83	4	87
Extramural Post-Graduate Students.....	49	2	51
	507	21	528

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 20, 1951 to June 7, 1952

California.....	1	New Jersey.....	7
Connecticut.....	5	New York.....	3
Delaware.....	4	North Carolina.....	19
District of Columbia.....	3	North Dakota.....	1
Florida.....	10	Ohio.....	12
Georgia.....	5	Pennsylvania.....	14
Illinois.....	3	Rhode Island.....	1
Indiana.....	1	South Carolina.....	3
Kansas.....	1	Utah.....	7
Maine.....	3	Virginia.....	1
Maryland.....	244	Washington.....	4
Massachusetts.....	4	West Virginia.....	21
Missouri.....	1	Wisconsin.....	1
Montana.....	1		
Nebraska.....	1		
Nevada.....	2		

UNITED STATES POSSESSIONS

Puerto Rico.....	9
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(Term beginning July 1, 1952 and ending June 30, 1953)

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 HARRY C. HULL, M.D.
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 JAMES T. MARSH, M.D., (ex-officio)

Hospital Council

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(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School of Nursing offers two programs of study: 1. A Basic Professional Program consisting of four calendar years leading to the degree of Bachelor of Science in Nursing, and 2. A Basic Program consisting of three calendar years leading to the Diploma in Nursing.

The Basic Professional Program extends over a period of four years. Students in this program complete two academic years of study on the College Park campus and the remaining two years on the Baltimore campus. Graduates of this curriculum are prepared for first-level positions in hospital nursing and as beginner-practitioners under supervision in public health nursing.

Graduates who have completed a minimum of two years of college work in other approved colleges may be admitted to this program.

The Basic Program extends over a three year period. This prepares the graduate for general nursing practice in hospitals or homes.

Graduates of either program are eligible to take the Maryland State Board Examinations for nurses.

The School of Nursing makes every effort to conform to the catalogue announcements, never-the-less the School reserves the right to adapt these programs to current needs.

For information regarding admissions, address inquiries to the Dean of the School of Nursing, University of Maryland, Baltimore 1, Maryland.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established 1899 and incorporated on December 23, 1901. It is an integral part of Mercy Hospital and is under the same government. It is accredited by the Maryland State Board of Examiners of Nurses and the National Nursing Accrediting Service.

The University of Maryland, and Mount Saint Agnes College, in affiliation with

the Mercy Hospital School of Nursing, offer a five year combined academic and nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and Mount Saint Agnes College, and to the diploma of the Mercy Hospital School of Nursing.

Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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September, 1953

UNIVERSITY OF MARYLAND

SCHOOL OF
MEDICINE

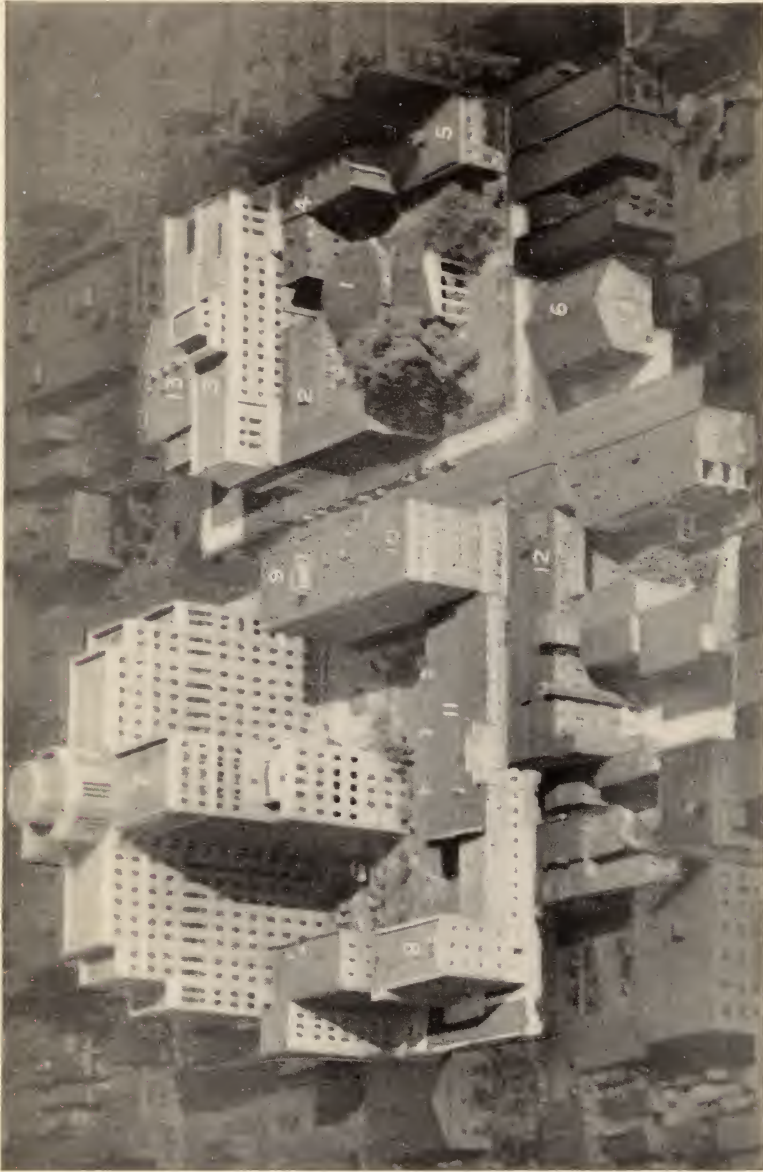


CATALOGUE
&
ANNOUNCEMENTS

522 W. LOMBARD STREET, BALTIMORE 1, MD.

NOTE

This catalogue was closed for the press on May 31, 1953. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.



BALTIMORE SCHOOLS—UNIVERSITY OF MARYLAND

- | | |
|---|-----------------------------------|
| 1. Original Medical Building | 7. University Hospital |
| 2. Laboratory Building, Medicine | 8. Nurses' Home, Medicine |
| 3. Bressler Building, Medicine | 9. School of Pharmacy |
| 4. Gray Laboratory, Student's Lounge, Medicine | 10. School of Dentistry |
| 5. Administration Building, College of Education,
Baltimore Division | 11. Dental Clinic |
| 6. Medical Library | 12. Out-Patient Clinics, Medicine |
| | 13. School of Law |

UNIVERSITY OF MARYLAND

SCHOOL *of* MEDICINE

SEPTEMBER, 1953



Announcements for

The One Hundred Forty-Eighth Academic Session
1953-1954

Catalogue of
The One Hundred Forty-Seventh Academic Session
1952-1953



University Hospital Showing the Psychiatric Institute in the Foreground



THE FRANK C. BRESSLER RESEARCH LABORATORY

CALENDAR

[illegible]

CALENDAR

ACADEMIC YEAR—SEPTEMBER 17, 1953 TO JUNE 5, 1954

1953

September 8, 9, 10

Re-examinations for advancement

FIRST SEMESTER—September 17, 1953 to January 23, 1954

September 15	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 16	Wednesday	*Registration, payment of fees, all other students
September 17	Thursday	Instruction begins at 8:30 a.m.
November 24	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November 30	Monday	Instruction resumed
December 19	Saturday	Instruction suspended at 5:00 p.m. Christmas Holiday

1954

January 4	Monday	Instruction resumed
January 18	Monday	Midyear examinations begin. (Junior and Senior classes continue throughout this week)
		*Payment of fees for second semester
January 23	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 25 to June 5, 1954

January 25	Monday	Instruction begins
February 22	Monday	Holiday—Washington's Birthday
February 23	Tuesday	Instruction resumed
April 15	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
April 20	Tuesday	Instruction resumed
April 27	Tuesday	Juniors and Seniors excused to attend annual meetings of the Medical & Chirurgical Faculty
April 28	Wednesday	
May 18	Tuesday	Senior classes cease at 5:00 p.m.
May 24	Monday	Freshman and Sophomore examinations begin
May 29	Saturday	Junior classes cease at 2:00 p.m.
May 31	Monday	Holiday—Memorial Day
June 1	Tuesday	Announcement of graduates
June 5	Saturday	Commencement Second Semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1954-1955

1954

September 7, 8, 9		Re-examinations for advancement
September 14	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 15	Wednesday	*Registration, payment of fees, all other students
September 16	Thursday	Instruction begins

* A student who fails to register prior to or within the day or days specified will be called upon to pay a late registration fee of five dollars (\$5.00). The last day of registration with fee added to regular charges is Saturday of the week in which registration begins.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

HARRY CLIFTON BYRD, B.S., LL.D., D.Sc., *President and Executive Officer*

BOARD OF REGENTS

		<i>Term Expires</i>
WILLIAM P. COLE, JR., <i>Chairman</i>	Baltimore.....	1958
LOUIS L. KAPLAN, <i>Secretary</i>	Baltimore.....	1961
HARRY H. NUTTLE, <i>Treasurer</i>	Denton.....	1957
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EDWARD F. HOLTER.....	Middletown.....	1959
E. PAUL KNOTTS.....	Denton.....	1954
ARTHUR O. LOVEJOY.....	Baltimore.....	1960
CHARLES P. McCORMICK.....	Baltimore.....	1957
C. EWING TUTTLE.....	Garrison.....	1953
MRS. JOHN L. WHITEHURST.....	Baltimore.....	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Advisory Board, Council, or Committee composed of the Dean and members of its faculty, which controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore	The College of Business and Public Administration
The School of Dentistry	The College of Education
The School of Law	The Glenn L. Martin College of Engineering and Aeronautical Sciences
The School of Medicine	The College of Home Economics
The School of Nursing	The Graduate School
The School of Pharmacy	The College of Military Science
The College of Special and Continuation Studies (Baltimore Division)	The College of Physical Education, Recreation and Health
	The College of Special and Continuation Studies
	The Summer School
At College Park	
The College of Agriculture	
The College of Arts and Sciences	

ADMINISTRATIVE OFFICERS

SCHOOL OF MEDICINE

H. C. Byrd, B.S., LL.D., D.Sc.....	<i>President of the University</i>
H. Boyd Wylie, M.D.....	<i>Dean</i>
Edgar F. Long, Ph.D.....	<i>Dean of Students</i>
Alma H. Preinkert, M.A.....	<i>Registrar</i>
G. Watson Algire, M.S.....	<i>Director of Admissions</i>

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

J. M. H. ROWLAND, M.D., D.Sc., LL.D.

	Professor of Obstetrics, Emeritus; Dean, Emeritus
HENRY J. WALTON, M.D.....	Professor of Roentgenology, Emeritus
PAGE EDMUNDS, M.D.....	Professor of Traumatic Surgery, Emeritus
RUTH LEE BRISCOE.....	Librarian, Emeritus
IRVING J. SPEAR, M.D.....	Professor of Neurology, Emeritus
CARL L. DAVIS, M.D.....	Professor of Anatomy, Emeritus
ARTHUR M. SHIPLEY, M.D., D.Sc.....	Professor of Surgery, Emeritus
CLYDE A. CLAPP, M.D.....	Professor of Ophthalmology, Emeritus
ANDREW C. GILLIS, M.A., M.D., LL.D.....	Professor of Neurology, Emeritus
EDGAR B. FRIEDENWALD, M.D.....	Professor of Clinical Pediatrics, Emeritus
CHARLES BAGLEY, JR., M.A., M.D.....	Professor of Neurological Surgery, Emeritus
WAITMAN F. ZINN, M.D.....	Professor of Otolaryngology, Emeritus
F. L. JENNINGS, M.D.....	Professor of Clinical Surgery, Emeritus
THOMAS R. CHAMBERS, A.B., M.D.....	Associate Professor of Surgery, Emeritus
CHARLES W. MAXSON, M.D.....	Associate Professor of Surgery, Emeritus

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WILLIAM R. AMBERSON	FRANK W. HACHTEL	MAURICE C. PINCOFFS
J. EDMUND BRADLEY	O. G. HARNE, Assistant to the Dean, <i>Secretary</i>	EMIL G. SCHMIDT
ROBERT B. DODD	J. MASON HUNDLEY	HUGH R. SPENCER
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IACOB E. FINESINGER	JOHN C. KRANTZ, JR.	<i>Chairman</i>

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.

William R. Amberson, Ph.D., Professor of Physiology and Head of the Department.

James G. Arnold, Jr., M.D., Professor of Neurological Surgery² and Acting Head of the Department.

Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.

J. Edmund Bradley, M.D., Professor of Pediatrics and Head of the Department.

Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Clinical and Thoracic Surgery.

T. Nelson Carey, M.D., Professor of Clinical Medicine.

C. Jelleff Carr, Ph.D., Professor of Pharmacology.

Richard G. Coblentz, M.A., M.D., Professor of Clinical Neurological Surgery.

Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.

Robert B. Dodd, M.D., Professor of Anesthesiology and head of the department.^{1a}

Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.

Louis H. Douglass, M.D., Professor of Obstetrics and Head of the Department.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1953 to June 30, 1954 unless otherwise indicated. Changes are noted as follows:

¹ Appointments effective July 1, 1953.

² Promotions effective July 1, 1953.

³ Resignations effective July 1, 1953.

⁴ Retirements.

⁵ Deaths.

⁶ Leave of absence.

- Charles Reid Edwards, M.D., Professor of Surgery and Acting Head of the Department.
 Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.
 Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.
 Frank H. J. Figge, Ph.D., Professor of Anatomy.
 Jacob E. Finesinger, M.D., Professor of Psychiatry and Head of the Department.
 Russell S. Fisher, B.S., M.D., Professor and Head of the Division of Legal Medicine.
 Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
 Frank W. Hachtel, M.D., Professor of Bacteriology and Head of the Department.
 Harry C. Hull, M.D., Professor of Clinical Surgery.
 J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology and Head of the Department.
 Elliott H. Hutchins, M.A., M.D., Professor of Surgery.
 C. Loring Joslin, M.D., Professor of Pediatrics.
 Walter L. Kilby, M.D., Professor of Roentgenology and Head of the Department.
 Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
 John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology and Head of the Department.
 Louis A. M. Krause, M.D., Professor of Clinical Medicine.
 Kenneth D. Legge, M.D., Professor of Clinical Urology.
 Edward A. Looper, M.D., D.Oph., Professor of Otolaryngology and Head of the Department.⁵
 William S. Love, A.B., M.D., Professor of Clinical Medicine.²
 Lorin J. Mullins, B.S., Ph.D., Visiting Professor of Psychiatry.^{1b}
 Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
 Alfred T. Nelson, M.D., Clinical Professor of Anaesthesiology.
 James W. Nelson, M.D., Professor of Clinical Medicine.
 Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
 Thomas R. O'Rourke, M.D., Professor of Otolaryngology.
 D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
 H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine
 Maurice C. Pincoffs, B.S., M.D., Professor of Medicine and Head of the Department.
 Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.
 Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
 Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
 John R. Reid, Ph.D., Professor of Philosophy in Psychiatry.¹
 Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
 Harry M. Robinson, Sr., M.D., Professor of Dermatology.
 Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry and Head of the Department.
 Dietrich Conrad Smith, Ph.D., Professor of Physiology and Assistant Director Post-graduate Committee.
 Hugh R. Spencer, M.D., Professor of Pathology and Head of the Department.
 Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.
 W. Houston Toulson, M.Sc., M.D., Professor of Urology.
 I. Ridgeway Trimble, M.D., Professor of Clinical Surgery.
 Eduard Uhlenhuth, Ph.D., Professor of Anatomy and Head of the Department.
 Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.
 Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.
 Walter D. Wise, M.D., Professor of Surgery.

⁵ Died Jan. 14, 1953.

George H. Yeager, B.S., M.D., Professor of Clinical Surgery and Director of Clinical Research.

Waitman F. Zinn, M.D., Professor of Otolaryngology.^{3a}

ASSOCIATE PROFESSORS

Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.

H. M. Bubert, M.D., Associate Professor of Medicine.

Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.

Edward F. Cotter, M.D., Associate Professor of Medicine.²

Charles N. Davidson, M.D., Associate Professor of Roentgenology.

Ross Davies, M.D., Associate Professor of Hygiene and Public Health.

J. S. Eastland, M.D., Associate Professor of Medicine.

Francis A. Elliss, A.B., M.D., Associate Professor of Dermatology.

A. H. Finkelstein, M.D., Associate Professor of Pediatrics.

Leon Freedom, M.D., Associate Professor of Neurology.

Frederick P. Ferguson, Ph.D., Associate Professor of Physiology.

Samuel L. Fox, Ph.G., B.S., M.D., Associate Professor of Otolaryngology,² Instructor in Physiology.

William L. Garlick, A.B., M.D., Associate Professor of Thoracic Surgery and Associate in Surgery.

Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.

Gordon E. Gibbs, A.B., M.A., Ph.D., M.D., Associate Professor of Clinical Pediatric Research.

Maurice H. Greenhill, M.D., Associate Professor of Psychiatry.

Lewis P. Gundry, M.D., Associate Professor of Medicine.

Manfred S. Guttmacher, A.B., M.D., Associate Clinical Professor of Psychiatry.¹

Paul R. Hackett, A.B., M.D., Associate Professor of Anesthesiology.¹

O. G. Harne, Associate Professor of Anatomy and Asst. to the Dean.

Edward J. Herbst, Ph.D., Associate Professor of Biological Chemistry.

Hugh H. Hicks, D.D.S., Associate Professor of Periodontology, School of Dentistry.

Cyrus F. Horine, M.D., Associate Professor of Surgery.

Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics

Edward S. Johnson, M.D., Associate Professor of Surgery.

D. Frank Kaltreider, A.B., M.D., Associate Professor of Obstetrics.

Fayne A. Kayser, M.D., Associate Professor of Otolaryngology.

Vernon E. Krah, B.S., M.S., Ph.D., Associate Professor of Anatomy.

Frederick T. Kyper, M.D., D.Sc., Associate Professor of Otolaryngology.

H. Vernon Langeluttig, A.B., M.D., Associate Professor of Medicine.²

Ephraim T. Lisansky, A.B., M.D., Associate Professor of Medicine²; Associate in Psychiatry.

R. W. Locher, M.D., Associate Professor of Clinical Surgery.⁵

Henry J. L. Marriott, A.B., B.M., Associate Professor of Medicine.²

Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.

Samuel Morrison, A.B., M.D., Associate Professor of Medicine and Gastro-enterology.

Effective appointment dates: Professors.

^{1a} Feb. 13, 1953.

^{1b} Dec. 15, 1952 to Feb. 15, 1953.

^{3a} Resigned Mar. 26, 1953.

⁵ Died Jan. 3, 1953.

H. Whitman Newell, M.D., Associate Professor of Psychiatry.
 C. W. Peake, M.D., Associate Professor of Surgery.
 J. Morris Reese, M.D., Associate Professor of Obstetrics.
 Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.
 Samuel T. R. Revell, Jr., A.B., M.D., Associate Professor of Medicine.²
 Benjamin S. Rich, A.B., M.D., Associate Professor of Otolaryngology.
 Harry M. Robinson, Jr., B.S., M.D., Associate Professor of Dermatology.
 Ida M. Robinson, A.B., B.S.L.S., Associate Professor of Library Science.
 Milton S. Sacks, M.D., Associate Professor of Medicine and Head of Clinical Pathology,
 Associate in Pathology.
 Isadore A. Siegel, A.B., M.D., Associate Professor of Obstetrics.
 Frederick B. Smith, M.D., Associate Professor of Pediatrics.
 William H. Smith, M.D., Associate Professor of Clinical Medicine.
 Edward Steers, Ph.D., Associate Professor of Bacteriology.
 George F. Sutherland, M.D., Associate Professor of Psychiatry.
 Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
 John A. Wagner, B.S., M.D., Associate Professor of Pathology.
 W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.
 C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
 William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
 T. Conrad Wolff, M.D., Associate Professor of Medicine and Head of the Division of
 Physical Diagnosis.
 Theodore E. Woodward, M.D., Associate Professor of Medicine
 Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
 Marie A. Andersch, Ph.D., Assistant Professor of Biochemistry in Medicine.
 Donald J. Barnett, M.D., Assistant Professor of Roentgenology.
 Robert E. Bauer, A.B., M.D., Assistant Professor of Medicine.²
 Edmund G. Beacham, A.B., M.D., Assistant Professor of Medicine.²
 Eugene S. Bereston, A.B., M.D., Assistant Professor of Dermatology.
 Annie M. Bestebreurtje, B.S., M.D., Assistant Professor of Pediatrics.⁶
 H. F. Bongardt, M.D., Assistant Professor of Surgery.
 Harry C. Bowie, B.S., M.D., Assistant Professor of Surgery,² Associate in Surgical Anatomy.
 Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
 Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
 Charles F. Bramble, A.M., Ph.D., Assistant Professor of Medicine.²
 Raymond M. Burgison, Ph.D., Assistant Professor of Pharmacology.
 Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.
 Ernest I. Cornbrooks, Jr., A.B., M.D., Assistant Professor of Gynecology.
 J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
 John DeCarlo, A.B., M.D., Assistant Professor of Roentgenology.
 William K. Diehl, M.D., Assistant Professor of Gynecology and Director Gynecological
 Oncology.
 Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.
 William W. Elgin, M.D., Assistant Professor of Psychiatry.
 Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.

⁶ Leave of absence.

Jerome Fineman, M.D., Assistant Professor of Pediatrics.
 Wetherbee Fort, M.D., Assistant Professor of Medicine.
 Henry C. Freimuth, Ph.D., Assistant Professor of Legal Medicine.²
 Frank J. Geraghty, A.B., M.D., Assistant Professor of Medicine.
 Francis W. Gillis, M.D., Assistant Professor of Urology.
 Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
 Albert E. Goldstein, M.D., Assistant Professor of Pathology.
 George Govatos, A.B., M.D., Assistant Professor of Surgery.
 Robert G. Grenell, B.A., M.Sc., Ph.D., Assistant Professor Psychiatric Research.
 John S. Haines, A.B., M.D., Assistant Professor of Urology.²
 John F. Hogan, M.D., Assistant Professor of Urology.
 Benjamin H. Isaacs, A.B., M.D., Assistant Professor of Otolaryngology.²
 Meyer W. Jacobson, A.B., M.D., Assistant Professor of Medicine.²
 James R. Karns, B.S., M.D., Assistant Professor of Medicine and Director Student Health Service.
 Harold W. Keschner, M.D., Assistant Professor of Pathology.^{1a, 3a}
 F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.
 C. Edward Leach, M.D., Assistant Professor of Medicine.
 Samuel Legum, M.D., Assistant Professor of Medicine.²
 Phillip L. Lerner, M.D., Assistant Professor of Neurology.
 Hans W. Loewald, M.D., Assistant Professor of Psychiatry.
 William V. Lovitt, Jr., B.S., M.D., Assistant Professor of Legal Medicine.²
 John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.
 Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery and Instructor in Urology and Pathology.
 W. Raymond McKenzie, M.D., Assistant Professor of Otolaryngology.
 Karl F. Mech, B.S., M.D., Assistant Professor of Anatomy, Associate in Surgery,¹ Instructor in Pathology.
 George G. Merrill, M.D., Assistant Professor of Neurology.²
 Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
 Hugh B. McNally, B.S., M.D., Assistant Professor of Obstetrics.
 S. Edwin Muller, A.B., M.D., Assistant Professor of Medicine.²
 Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
 George McLean, M.D., Assistant Professor of Medicine.
 Robert T. Parker, A.B., M.D., Assistant Professor of Medicine.²
 I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
 William F. Rienhoff, M.D., Assistant Professor of Surgery.
 Robert A. Reiter, M.D., Assistant Professor of Medicine.
 R. C. V. Robinson, B.S., M.D., Assistant Professor of Dermatology.
 John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
 Sidney Scherlis, M.D., Assistant Professor of Medicine, and Associate in Pediatrics.
 Kathryn L. Schultz, M.D., Assistant Professor of Psychiatry.
 Theodore A. Schwartz, M.D., Assistant Professor of Otolaryngology.
 William M. Seabold, M.D., Assistant Professor of Pediatrics.
 Lawrence M. Serra, M.D., Assistant Professor of Medicine.²
 William B. Settle, M.D., Assistant Professor of Surgical Anatomy and Associate in Surgery.
 Albert Shapiro, B.S., M.D., Assistant Professor of Dermatology.

Resignations: Assistant Professors.

^{3a} May 7, 1953.

Arthur G. Siwinski, A.B., M.D., Assistant Professor of Surgery.
 Andrew G. Smith, Ph.D., Assistant Professor of Bacteriology.
 Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
 Sol Smith, M.D., Assistant Professor of Medicine.
 Merrill J. Snyder, B.S., Ph.D., Assistant Professor of Medicine in Clinical Bacteriology²;
 Instructor in Bacteriology.
 Matthew L. Taback, A.B., A.M., Assistant Professor of Hygiene and Public Health.
 Harry Teitelbaum, B.S., M.D., Ph.D., Assistant Professor of Medicine.
 Raymond K. Thompson, B.S., M.D., Assistant Professor of Neurological Surgery.²
 Raymond E. Vanderlinde, A.B., Ph.D., Assistant Professor of Biological Chemistry.
 Philip S. Wagner, M.D., Assistant Professor of Psychiatry.^{3b}
 Gibson J. Wells, M.D., Assistant Professor of Pediatrics.
 John I. White, Ph.D., Assistant Professor of Physiology.
 Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.
 Israel Zeligman, A.B., M.D., Assistant Professor of Dermatology.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine and Instructor in Pathology.
 Leon Ashman, B.S., M.D., Associate in Medicine.
 J. Tyler Baker, B.S., M.D., Associate in Obstetrics.
 Margaret B. Ballard, M.D., Associate in Obstetrics.
 Robert Z. Berry, A.B., M.D., Associate in Otolaryngology.
 Louis V. Blum, M.D., Associate in Medicine.
 Kenneth B. Boyd, A.B., M.D., Associate in Gynecology.
 Henry A. Briele, M.D., Associate in Postgraduate Surgery.
 William R. Bundick, M.D., Associate in Dermatology.
 Harold H. Burns, M.D., Associate in Surgery.
 M. Paul Byerly, M.D., Associate in Medicine.
 Richard A. Carey, M.D., Associate in Medicine.
 Osborne D. Christensen, M.D., Associate in Obstetrics.
 Jonas Cohen, M.D., Associate in Medicine.
 R. Adams Cowley, M.D., Associate in Thoracic Surgery and Assistant Director Experimental Surgery.²
 William F. Cox, III, M.D., Associate in Medicine.²
 Edward R. Dana, A.B., M.D., Associate in Roentgenology.
 John B. DeHoff, M.D., Associate in Medicine.
 John M. Dennis, B.S., M.D., Associate in Radiology.
 Francis G. Dickey, M.D., Associate in Medicine.
 D. McClelland Dixon, M.D., Associate in Obstetrics.
 William G. Ebeling III, B.S., M.D., Associate in Medicine and Chief of Division of Gastroenterology.¹
 J. J. Erwin, M.D., Associate in Gynecology.
 L. K. Fargo, M.D., Associate in Urology.
 William L. Fearing, M.D., Associate in Neurology.
 Donald E. Fisher, M.D., Associate in Pathology.
 William H. Fisher, M.D., Associate in Postgraduate Surgery.

Effective appointment dates: Assistant Professors.

^{1a} Nov. 1, 1952.

^{3b} Resigned Jan. 1, 1953.

- Irving Freeman, M.D., Associate in Medicine.
Joseph E. Furnari, M.D., Associate in Medicine and Director, Medical Out-Patient Department.
Perry O. Futterman, A.B., M.D., Associate in Medicine.²
Alvin J. Hartz, A.B., M.D., Associate in Medicine.^{3a}
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
W. Grafton Herspberger, M.D., Associate in Medicine
Henry W. J. Holljes, M.D., Associate in Medicine and Director Medical Care Clinic.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Hugh J. Jewett, M.D., Associate in Urology.
Arthur Karfgin, B.S., M.D., Associate in Medicine.
Walter Karfgin, M.D., Associate in Medicine.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Albert W. Kitts, M.D., Associate in Postgraduate Pediatrics
Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.
Richard Lindenberg, M.D., Associate in Legal Medicine.
H. Edmund Levin, M.D., Associate in Bacteriology.
Kurt Levy, M.D., Associate in Medicine.
F. Ford Loker, B.S., M.D., Associate in Surgery.²
William B. Long, M.D., Associate in Postgraduate Surgery.
H. Patterson Mack, M.D., Associate in Anatomy.^{6b}
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
I. H. Maseritz, M.D., Associate in Orthopaedic Surgery.
William J. McClafferty, M.D., Associate in Legal Medicine.
Lyle J. Millan, M.D., Associate in Urology.
Joseph M. Miller, M.D., Associate in Surgery.²
Donald W. Mintzer, M.D., Associate in Medicine.²
Frank K. Morris, A.B., M.D., Associate in Gynecology.
J. Huff Morrison, B.S., M.D., Associate in Obstetrics.
Patrick C. Phelan, Jr., A.B., M.D., Associate in Surgery.^{1a}
Ross Z. Pierpont, M.D., Associate in Surgical Anatomy and Assistant in Surgery.
J. Emmett Queen, M.D., Associate in Medicine.
Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.
Martin A. Robbins, M.D., Associate in Urology.²
Clarence P. Scarborough, M.D., Associate in Plastic Surgery.²
Leonard Scherlis, B.S., M.D., Associate in Medicine.²
William M. Seabold, A.B., M.D., Associate in Pediatrics
Robert C. Sheppard, M.D., Associate in Surgery.²
E. Roderick Shipley, A.B., M.D., Associate in Surgery.²
Benedict Skitarelic, A.B., M.D., Associate in Pathology.
Melchijah Spragins, B.S., M.D., Associate in Pediatrics.
Edwin H. Stewart, Jr., M.D., Associate in Surgery.
William T. Supic, M.D., Associate in Proctology.²
Wilfred H. Townshend, Jr., A.B., M.D., Associate in Medicine.
Isadore Tuerk, M.D., Associate in Psychiatry.
Stephen J. Van Lill, A.B., M.D., Associate in Medicine.²

^{3a} Resigned Apr. 21, 1953.

^{6b} On leave.

William K. Waller, M.D., Associate in Medicine.
 Arthur Ward, M.D., Associate in Otolaryngology.
 Daniel Wilfson, Jr., A.B., M.D., Associate in Medicine.
 Austin H. Wood, M.D., Associate in Urology.
 John D. Young, Jr., M.D., Associate in Urology.
 Joseph B. Workman, A.B., M.D., Associate in Medicine.

LECTURERS

Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.
 John L. Peck, M.D., Lecturer in Pediatrics.^{1a}
 William H. Summerson, Ph.D., Lecturer in Biological Chemistry.
 Joseph M. White, III, B.S., M.D., Lecturer in Pharmacology.¹
 J. Henry Wills, Ph.D., Lecturer in Physiology.

INSTRUCTORS

A. Russell Anderson, M.D., Instructor in Psychiatry.
 David Bacharach, A.B., M.D., Instructor in Dermatology.
 Ruth W. Baldwin, M.D., Instructor in Pediatrics and Director Pediatric Seizure Clinic.
 Jeanne Ann Barry, A.B., Junior Instructor in Physiology.^{3b, 1a}
 Harry McB. Beck, M.D., Instructor in Gynecology, and Assistant in Obstetrics.
 Klaus W. Berblinger, M.D., Instructor in Psychiatry.
 Joseph G. Bird, A.B., M.D., Instructor in Medicine.
 Melvin N. Borden, M.D., Instructor in Pediatrics.
 Thomas S. Bowyer, A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
 John T. Brackin, B.S., M.D., Instructor in Roentgenology.^{3c}
 George H. Brouillet, B.S., M.D., Instructor in Surgery.
 Ann Virginia Brown, A.B., Instructor in Biological Chemistry.
 J. E. Brumback Jr., B.S., M.D., Instructor in Ophthalmology.
 William J. Bryson, A.B., M.D., Instructor in Pathology.
 Bernard Burgin, A.B., M.D., Instructor in Medicine.
 Enoch Calloway, Jr., A.B., M.D., Instructor in Psychiatry.
 Lester H. Caplan, M.D., Instructor in Pediatrics.
 Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 John W. Chambers, M.D., Instructor in Neurosurgery, Assistant in Surgery.
 Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.
 Morris M. Cohen, M.D., Instructor in Dermatology.
 Herbert B. Copeland, M.D., Instructor in Roentgenology.
 Joseph M. Cordi, M.D., Instructor in Pediatrics.
 Robert M. N. Crosby, M.D., Instructor in Neurosurgery and in Pediatrics.^{1c}
 Richard J. Cross, B.S., M.D., Instructor in Ophthalmology and Otolaryngology.
 Raymond M. Cunningham, A.B., M.D., Instructor in Anatomy, Proctology and Pathology; Assistant in Surgery.

Effective appointment dates: Associates.

^{1a} Sept. 1, 1952.

Effective Appointment Dates: Lecturers.

^{1a} Feb. 1, 1953.

^{3b} Resigned Mar. 15, 1953.

^{3c} Resigned Dec. 31, 1952.

- George H. Davis, B.S., M.D., Instructor in Obstetrics.
 John R. Davis, M.D., Instructor in Medicine.
 W. Allen Deckert, A.B., M.D., Instructor in Gynecology and Assistant in Surgery.
 Michael L. DeVincentis, B.S., M.D., Instructor in Surgery.
 William A. Dodd, M.D., Instructor in Gynecology, and Assistant in Obstetrics.
 Charles H. Doeller, Jr., A.B., M.D., Instructor in Gynecology and Assistant in Obstetrics.
 William C. Duffy, A.B., M.D., Instructor in Gynecology.
 Ernest S. Edlow, A.B., M.D., Instructor in Gynecology.⁵
 Maurice Feldman, Jr., A.B., M.D., Instructor in Medicine.
 Edward G. Field, M.D., Instructor in Pediatrics.
 William N. Fitzpatrick, M.D., Instructor in Psychiatry.⁶
 Marjorie R. Fleitzer, B.S., M.S.S., Instructor in Psychiatric Social Work.²
 Philip D. Flynn, M.D., Instructor in Medicine.
 Paul N. Friedman, A.B., M.D., Instructor in Ophthalmology.⁵
 Joseph E. Furnari, M.D., Instructor in Medicine.
 L. Calvin Gareis, B.S., M.D., Instructor in Pathology and Obstetrics, Assistant in Gynecology.
 Richard M. Garrett, M.D., Instructor in Surgical Anatomy and Assistant in Surgery.
 Jason H. Gaskel, M.D., Instructor in Orthopaedic Surgery.
 Marvin Goldstein, A.B., M.D., Instructor in Medicine.²
 Howard Goodman, M.D., Instructor in Pediatrics.
 Louis E. Goodman, M.D., Instructor in Surgery.
 H. L. Granoff, A.B., M.D., Instructor in Gynecology.
 Isaac Gutman, Instructor in Orthopaedic Surgery.
 Samuel J. Hankin, M.D., Instructor in Medicine.
 Charles W. Hawkins, M.D., Instructor in Anatomy.
 Mary L. Hayleck, M.D., Instructor in Pediatrics.
 Robert F. Healy, M.D., Instructor in Surgery.
 Donald B. Hebb, M.D., Instructor in Proctology and Assistant in Surgery and Thoracic Surgery.
 Elizabeth C. Heinz, A.B., Junior Instructor in Bacteriology.^{1b}
 William G. Helfrich, B.S., M.D., Instructor in Medicine.
 L. Ann Hellen, B.S., Instructor in Medicine.
 Sylvia Himmelfarb, A.B., Instructor in Physiology.
 John H. Hirschfield, M.D., Instructor in Otolaryngology.²
 Mark B. Hollander, A.B., M.D., Instructor in Dermatology and Syphilology.
 DeWitt T. Hunter, Jr., B.S., M.D., Instructor in Anatomy.³
 Calvin Hyman, M.D., Instructor in Surgery.
 Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.
 Joseph A. Jachimczyk, M.D., Instructor in Legal Medicine.¹
 Marshall I. Kader, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 Edward S. Kallins, B.S., M.D., Instructor in Medicine.
 William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
 Harry F. Kane, M.D., Instructor in Gynecology.
 Theodore Kardash, B.S., M.D., Instructor in Gynecology and Pathology.
 Clyde F. Karns, B.S., M.D., Instructor in Surgery.
 Irvin B. Kemick, B.S., Ph.G., M.D., Instructor in Medicine.

⁵ Died April 25, 1953.

⁶ Leave of absence.

⁵ Died July 5, 1953.

Lauriston L. Keown, M.D., Instructor in Medicine.
 Leon A. Kochman, M.D., Instructor in Medicine.
 Schuyler G. Kohl, B.S., M.D., Instructor in Obstetrics.
 Edward L. J. Kreig, M.D., Instructor in Pathology.
 A. Kremen, A.B., M.D., Instructor in Ophthalmology.
 Arnold F. Lavenstein, Instructor in Pediatrics.
 Algert P. Lazauskas, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 Franklin E. Leslie, A.B., M.D., Instructor in Medicine.
 Helen I. Maginnis, M.D., Instructor in Gynecology.
 William W. Magruder, M.D., Instructor in Psychiatry.¹
 Charles B. Marek, M.D., Instructor in Gynecology.
 Joseph C. Matchar, A.B., M.D., Instructor in Medicine.²
 Marion W. Mathews, A.B., M.S., M.D., Instructor in Psychiatry.
 Robert E. McCafferty, B.S., M.S., Ph.D., Instructor in Anatomy.
 Francis J. McLaughlin, M.D., Instructor in Psychiatry.
 D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.
 José Medina, D.D.S., Instructor in Oral Surgery, School of Dentistry.
 Joseph H. Menning, A.B., M.D., Instructor in Urology.¹
 Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
 James P. Miller, M.D., Instructor in Orthopaedic Surgery.
 Stanley Miller, B.A., M.D., Instructor in Medicine.
 J. Duer Moores, B.S., M.D., Instructor in Surgery.
 William H. Mossberg, Jr., M.D., Instructor in Neurosurgery.
 Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
 Ruth Musser, M.S., Instructor in Pharmacology.
 John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
 James J. Nolan, B.S., M.D., Instructor in Medicine.
 Samuel Novey, M.D., Instructor in Psychiatry.
 John S. Osborne, M.D., Instructor in Medicine.
 Frank J. Otenasek, M.D., Instructor in Neuro-Surgery.
 Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
 James H. Ramsey, M.D., Instructor in Pathology.
 Daniel R. Robinson, M.D., Instructor in Surgery.
 Kent E. Robinson, M.D., Instructor in Psychiatry.^{1a}
 Robert C. Rodgers, M.D., Instructor in Pathology.
 John D. Rosin, A.B., M.D., Instructor in Proctology.
 Seymour W. Rubin, M.D., Instructor in Pathology.
 William J. Rysanek, Jr., M.D., Instructor in Gynecology.
 John F. Schaefer, B.S., M.D., Instructor in Surgery.
 J. King B. E. Seegar, Jr., A.B., M.D., Instructor in Obstetrics.
 Charles E. Shaw, M.D., Instructor in Medicine.
 Joseph C. Sheehan, B.S., M.D., Instructor in Gynecology.
 Jerome Sherman, M.D., Instructor in Medicine.
 Elizabeth D. Sherrill, M.D., Instructor in Medicine.
 Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
 George W. Smith, B.S., M.D., Instructor in Anatomy,^{3a} Assistant in Neuro-Surgery.
 Ruby A. Smith, B.S., M.D., Instructor in Ophthalmology.
 Merrill J. Snyder, B.S., Instructor in Bacteriology.

Resignations: Instructors.

^{3a} May 1952.

Nathan Snyder, Ph.G., M.D., Instructor in Anatomy.
 Thomas M. Stevenson, Jr., Junior Instructor in Art as Applied to Medicine.²
 Jerome Styr, M.D., Instructor in Psychiatry.^{1a}
 Stuart D. Sunday, M.D., Instructor in Medicine.
 Virginia Suttentfield, M.D., Instructor in Psychiatry.
 Robert B. Tunney, A.B., M.D., Instructor in Gynecology.
 Roy B. Turner, B.S., M.D., Instructor in Pathology and Neuro-Anatomy.
 William D. VandeGrift, M.D., Instructor in Pathology.
 Edmond G. Vanden Bosche, D.D.S., Instructor in Oral Surgery School of Dentistry.
 Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
 Gladys E. Wadsworth, B.S., M.A., Instructor in Anatomy.
 Herbert L. Warres, B.S., M.D., Instructor in Roentgenology.^{1, *}
 Charles Herman Williams, M.D., Instructor in Medicine.
 Frederick S. Wolf, M.D., Instructor in Neurology.
 Harold L. Zupnik, M.D., Instructor in Surgery.

ASSISTANTS

Robert C. Abrams, M.D., Assistant in Orthopaedic Surgery.
 Fred B. Agee, M.D., Assistant in Medicine.
 José A. Alvarez, M.D., Assistant in Neurological Surgery.
 John J. Angelo, M.D., Assistant in Plastic Surgery.
 Vahram Aratoon, M.D., Assistant in Ophthalmology.¹
 Nancy M. Balchun, Assistant in Art as Applied to Medicine.
 Harry McB. Beck, A.B., M.D., Assistant in Obstetrics.
 Harold P. Biehl, M.D., Assistant in Surgery.
 Joseph C. Blazek, A.B., M.D., Assistant in Medicine.
 Jane L. Bleakley, Assistant in Art as Applied to Medicine.
 James S. Brown, M.D., Assistant in Anatomy.^{1b}
 A. V. Buchness, A.B., M.D., Assistant in Surgery.
 William O. Burk, Assistant in Art as Applied to Medicine.³
 Donald B. Campbell, M.D., Assistant in Obstetrics.¹
 L. T. Chance, M.D., Assistant in Surgery.
 James N. Cianos, M.D., Assistant in Surgery.
 Raymond J. Clayton, Jr., Assistant in Art as Applied to Medicine.
 Edmund P. Coffay, Sr., M.D., Assistant in Medicine.¹
 Harry Cohen, B.S., M.D., Assistant in Obstetrics and Pathology.
 Samuel H. Culver, M.D., Assistant in Surgery.
 Martha Curtiss, B.S., R.N., Assistant in Medicine and Assistant Director, Medical Care Clinic.
 Miriam S. Daly, A.B., M.D., Assistant in Pediatrics (part time).¹
 Garrett E. Deane, M.D., Assistant in Pediatrics.
 William A. Dodd, B.S., M.D., Assistant in Obstetrics.

Effective appointment dates: Instructors.

^{1a} April 1, 1953.

^{1b} Sept. 1, 1952.

^{1c} Mar. 15, 1952.

^{1d} Feb. 2, 1952.

^{1e} Jan. 1, 1953.

* Part time.

Josephine L. Doughton, A.B., M.A., M.S.S., Assistant in Psychiatry.^{1a}
 William C. Dunnigan, A.B., M.D., Assistant in Surgery.
 Daniel Ehrlich, A.B., M.D., Assistant in Obstetrics.⁶
 Frank Fariano, A.B., M.D., Assistant in Thoracic Surgery.
 Vincent dePaul Fitzpatrick, Jr., A.B., M.D., Assistant in Obstetrics.
 William D. Gentry, M.D., Assistant in Obstetrics.^{1a}
 William R. Geraghty, B.S., M.D., Assistant in Surgery.
 James J. Gerlach, A.B., M.D., Assistant in Otolaryngology.¹
 Charles Richard Gilbert, M.D., Assistant in Gynecology.
 Helen L. Guest, A.B., M.S.S., Assistant in Psychiatric Social Work.^{1c}
 Angelino Guido, M.D., Assistant in Ophthalmology.
 Leonard G. Hamberry, A.B., M.D., Assistant in Surgery.¹
 Donald B. Hebb, A.B., M.D., Assistant in Surgery and Thoracic Surgery.
 Frederick J. Heldrich, Jr., M.D., Assistant in Pediatrics.⁶
 Hermione Hunt Hawkins, M.A., Assistant in Clinical Psychology.^{2b}
 John A. Hightower, M.D., Assistant in Medicine.⁶
 John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
 Rollin C. Hudson, M.D., Assistant in Medicine.
 Sarah V. Huffer, B.S., M.D., Assistant in Psychiatry.¹
 Everett D. Jones, M.D., Assistant in Orthopaedic Surgery.
 Arthur Kandel, M.S., Assistant in Clinical Psychology.
 Vernon C. Kelley, A.B., M.D., Assistant in Obstetrics.
 August Kiel, Jr., M.D., Assistant in Neurological Surgery and Neuroanatomy.^{1b}
 Irvin P. Klemkowski, B.S., M.D., Assistant in Obstetrics.
 Raymond M. Lauer, M.D., Assistant in Medicine.
 Herbert Joseph Levickas, B.S., M.D., Assistant in Medicine.
 Lee R. Lerman, M.D., Assistant in Dermatology.
 Berton V. Lock, M.D., Assistant in Medicine.
 Fern E. MacAllister, B.S., M.D., Assistant in Psychiatry.^{3a}
 Stephen L. Magness, A.B., M.D., Assistant in Medicine.¹
 Arlie R. Mansberger, Jr., M.D., Assistant in Surgery.¹
 W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
 Clarence W. Martin, M.D., Assistant in Obstetrics.
 Mary B. Matthews, Assistant in Pediatrics.¹
 Howard B. McElwain, M.D., Assistant in Surgery.
 Kirk Moore, M.D., Assistant in Surgery.
 J. Carl Myers, M.D., Assistant in Medicine.
 William A. Niermann, M.D., Assistant in Pediatrics.¹
 John C. Ozazewski, M.D., Assistant in Ophthalmology.
 Sumner Malone Parham, M.D., Assistant in Obstetrics.
 William F. Peterson, M.D., Assistant in Gynecology.¹
 Harry P. Porter, M.D., Assistant in Otolaryngology.
 Ross Z. Pierpont, M.D., Assistant in Surgery.
 John M. Rehberger, M.D., Assistant in Otolaryngology.⁶
 William B. Rever, Jr., M.D., Assistant in Surgery.¹
 James Russo, M.D., Assistant in Anaesthesiology.

Resignations: Assistants.

^{3a} April 14, 1953.

^{3b} Sept. 1, 1952.

⁶ Leave of absence.

Ernest Scher, M.D., Assistant in Obstetrics.
 James H. Shell, Jr., B.S., M.D., Assistant in Obstetrics and Gynecology.
 O. Walter Spurrier, M.D., Assistant in Pediatrics.
 Stanley R. Steinbach, A.B., M.D., Assistant in Medicine.¹
 Vesta May Stevens, M.S.S., Assistant in Psychiatric Social Work.^{3c}
 John J. Tansey, A.B., M.D., Assistant in Orthopaedic Surgery.^{1e}
 F. X. Paul Tinker, B.S., M.D., Assistant in Obstetrics.
 T. J. Touhey, M.D., Assistant in Surgery.
 Arnold Tramer, B.S., M.D., Assistant in Pediatrics.
 Thomas C. Webster, B.S., M.D., Assistant in Obstetrics.
 William Earl Weeks, M.D., Assistant in Pediatrics.
 Jack Wexler, A.B., M.D., Assistant in Medicine.
 J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
 Marcella Wiseman, M.S.S., Assistant in Psychiatric Social Work.
 Geraldine F. Wolfe, B.S., M.S., Assistant in Anatomy.
 Thomas Worsley, M.D., Assistant in Medicine.
 Ernest C. Young, A.B., M.A., Assistant in Clinical Psychology.^{1d}
 John H. Young, A.B., M.D., Assistant in Psychiatry.¹

RESEARCH ASSOCIATES

V. V. Brunst, Sc.D., Nat. Ins. of Health Research Associate in Anatomy.
 Kenneth F. Clute, M.D., P.H.S. and M & R Fund Research Associate in Pediatrics and Legal Medicine.^{3a}
 Betty J. Fax, Ph.D., Navy Psychiatric Research Fund Research Associate in Psychiatry.
 Lester M. Libo, A.M., Ph.D., Research Associate in Medical Psychology.^{1a}
 Moritz Michaelis, Ph.D., Army Chemical Center Research Associate in Psychiatry.
 John Walker Powell, Ph.D., Research Associate in Psychiatry.
 Nancy V. Reid, B.S., M.S., Ph.D., Bressler Reserve Fund Research Associate in Psychiatry.^{2b}

FELLOWS

Alice M. Band, A.B., M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.¹ⁱ
 Frederick K. Bell, Ph.D., Fellow in Pharmacology.
 Brigitte E. Blankenhorn, B.A., Research Fellow in Physiology.¹ⁱ
 Francis J. Borges, M.D., Fellow in Medicine.
 Mary Frances Bradyhouse, A.B., Fellow in Pharmacology.^{3d}

Effective appointment date: Assistants.

^{1a} July 29, 1953.

^{1b} Feb. 1, 1953 to May 30, 1953.

^{1c} Sept. 22, 1952.

^{1d} Oct. 1, 1952.

^{1e} Sept. 16, 1952.

^{3c} Resigned Oct. 1, 1952.

Effective appointment dates: Research Associates.

^{1a} Jan. 9, 1953.

Resignations: Research Associates.

^{3a} Jan. 31, 1953.

^{2b} May 1, 1953.

Resignations: Fellows.

^{3d} Aug. 31, 1953.

- Leonard S. Brahen, B.S., M.S., Fellow in Pharmacology.
 Joseph B. Bronushas, M.D., Fellow in Medicine (part-time).
 Rowland J. Dowell, Fellow in Pediatrics.^{1k,3b}
 Ruth Page Edwards, A. B., A. M. Ph.D., Fellow in Medical Psychology.
 William G. Esmond, B.S., M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.¹
 Mary S. Fassel, A.B., Fellow in Pharmacology.^{3a}
 Joseph C. Fitzgerald, M.D., Fellow in Medicine (part-time).
 Jane Wray Forrest, Emerson Fellow in Pharmacology.^{1c}
 Luigi Frighi, M.D., Fellow in Psychiatry.¹¹
 Vernon M. Gelhaus, John F. B. Weaver Fellow in Histology.¹ⁿ
 Bella R. Hearst, M.S., M.D., Research Fellow in Medicolegal Pathology.^{1d}
 Ernest C. Herrmann, Jr., B.S., Fellow in Bacteriology.¹¹
 Frank R. Holter, M.D., Fellow in Psychiatry.^{1p}
 Dorothy H. Hubbard, A.B., M.S., Ph.D., Research Corporation and Bressler Reserve Fund Post Doctorate Fellow in Biological Chemistry.³
 Marvin Jaffee, M.D., Fellow in Psychiatry.
 Theodore Kardash, B.S., M.D., Research Fellow in Gynecological Pathology.
 Norma May Keigler, B.S., Bressler Reserve Fund Research Fellow in Bacteriology.
 Gerald Kessler, B.S., M.S., Nutrition Foundation Fellow in Biological Chemistry.
 Paul W. Knowles, John F. B. Weaver Fellow in Histology.¹ⁿ
 Norman W. Lavy, A.B., Summer Fellow in Clinical Pathology.^{1u}
 Johnson S. L. Ling, A.B., M.S., Eli Lilly Fellow in Pharmacology.*
 Sze-Jui Liu, M.D., Fellow in Medicine.¹
 David H. Loeff, Fellow in Infectious Diseases.^{1a}
 Go Lu, M.D., Fellow in Pharmacology.³
 Fern E. MacAllister, B.S., M.D., Fellow in Psychiatry.¹ⁿ
 Jack Mendelson, Fellow in Psychiatry.^{1q}
 P. Govinda Menon, M.D., Fellow in Pediatrics.¹
 George C. Peck, A.B., John F. B. Weaver Fellow in Anatomy.^{3c}
 Henry D. Perry, Jr., M.D., Fellow in Medicine (part-time).
 Gerardo B. Polanco, M.D., National Cancer Institute Trainee in Pathology.
 Giovanni Raccuglia, M.D., Anna Corman Fellow in Hematology.¹
 Mary V. Reed, A.B., A.M., Bressler Reserve Fund Research Fellow in Bacteriology.¹¹
 Aubrey D. Richardson, M.D., Fellow in Medicine (part-time).^{1o}
 George Shimert, B.S., M.D., Fellow in Thoracic Surgery.¹
 Arthur H. Schmale, Jr., M.D., Fellow in Psychosomatic Medicine.
 John O. Sharrett, M.D., Fellow in Neurological Surgery.¹
 Joseph E. Shuman, Fellow in Infectious Diseases.
 Robert T. Singleton, Fellow in Infectious Diseases.
 Ursula T. Slager, B.A., M.D., Hitchcock Fellow in Neuropathology.¹
 Henry H. Startznan, Jr., M.D., Fellow in Roentgenology.¹
 Thomas A. Stebbins, A.B., Medical Illustrator in Oncology and Gynecology. P.H.S. Cancer Teaching Program.
 Virginia Sutfenfield, M.D., Fellow in Psychiatry.
 Kyle W. Swisher, Jr., M.D., Fellow in Medicine (part-time).

Resignations: Fellows.

³ Mar. 1, 1953.

^{3a} Oct. 1, 1952.

^{3b} June 19, 1953.

^{3c} Aug. 31, 1952.

* Half time.

Andre J. Toussant, B.S., Fellow in Bacteriology.^{1t}
 Ira N. Tublin, B.S., Summer Fellow in Medicine.^{1u}
 Frank D. Vasington, A.B., M.S., Bressler Reserve Fund Fellow in Biological Chemistry.
 Emma Vestergaard, M.D., Fellow in Psychiatry.^{1v}
 Robert T. Walker, M.D., Fellow in Medicine.
 Harry F. Wilson, Jr., B.S., Fellow in Pharmacology.^{1w}
 Elizabeth A. Winiarz, M.D., Fellow in Psychiatry.
 Robert C. Wood, B.A., M.S., U. S. Navy Research Fellow in Bacteriology.
 Joseph B. Workman, A. B., M.D., Research Fellow in Medicine.

CONSULTANTS

Robert W. Swain, B.S., Consultant in Radiologic Physics.
 Gordon Leslie Lippitt, B.S., M.A., M.D., Consultant in Psychiatry.

RESEARCH ASSISTANTS

Dorothy Doe Adams, A.B., Research Assistant in Psychiatry.^{1u}
 Elizabeth Anne Adams, Bressler Reserve Fund Research Assistant in Psychiatry.^{3c}
 Frances S. Barbusca, A.B., Research Assistant in Clinical Pathology.^{1c}
 Edna L. Barrabee, Research Assistant in Psychiatry.¹ⁱ
 Maryanne E. Berger, B.S., Research Assistant in Anatomy.^{1c}
 Bernard D. Blaustein, B.S., M.A., Research Assistant in Legal Medicine.
 Abraham B. Brody, A.B., A.M., Ph.D., Research Assistant in Psychiatry.
 Catherine S. Brunst, A.B., Research Assistant in Anatomy.
 Florence M. Burnett, B.S., M.S., R.N., Research Assistant in Psychiatry.¹ⁱ
 Elsa A. Burrows, A.B., Research Assistant in Anatomy.^{1a}
 Shirley A. Cox, A.B., Research Assistant in Biochemistry.¹
 Delma Phelps Decsi, B.A., Research Assistant in Biological Chemistry.
 Donald H. Dembo, A.B., Research Assistant in Psychiatry.^{1k}
 José Cecilio Echiandia, Research Assistant in Medicine.
 William J. Elton, Research Assistant in Psychiatry.^{1k}
 Arthur J. Fisk, B.S., Research Assistant in Legal Medicine.^{3d}
 David Freedenberg, B.S., Bressler Reserve Fund Research Assistant in Pediatrics.^{1f}
 Ella Freytag, Research Assistant in Legal Medicine.
 Jean D. Gardener, A.B., Research Assistant in Biological Chemistry.³
 Awilda Gay, B.S., Research Assistant in Medicine.
 Joseph J. Geller, M.D., Research Assistant in Psychiatry.
 Marion C. Glass, A.B., Research Assistant in Psychiatry.¹¹
 Richard L. Glasser, A.B., Research Assistant in Physiology.^{1e}

Effective appointment dates; Fellows.

- ^{1a} June 1 to Aug. 31, 1952.
- ^{1b} June 1, 1952 to May 31, 1953.
- ^{1c} Nov. 1, 1952.
- ^{1d} Sept. 15, 1952.
- ^{1e} Sept. 1, 1952.
- ^{1f} Jan. 1, 1952
- ^{1g} Sept. 1, 1952 to Aug. 31, 1953.
- ^{1h} Sept. 1, 1952 to Aug. 31, 1953.
- ¹ⁱ Oct. 15, 1952 to Sept. 30, 1953.
- ^{1j} Jan. 1, to Jan. 31, 1953.
- ^{1k} Nov. 1, 1952.
- ¹¹ Sept. 1, 1952.

- ^{1m} Apr. 15, 1953.
- ¹ⁿ June 1 to Sept. 11, 1953.
- ^{1o} Mar. 1, to June 30, 1953.
- ^{1p} April 20, 1953.
- ^{1q} Sept. 15, 1952.
- ^{1r} Aug. 1, 1952 to June 30, 1953.
- ^{1s} June 1 to July 31, 1953.
- ^{1t} June 1, 1953 to May 31, 1954.
- ^{1u} June 1, to Aug. 31, 1953.
- ^{1v} July 1 to Aug. 25, 1953.
- Resignations: Research Assistants.
- ^{3c} Aug. 31, 1952.
- ^{3d} Sept. 1, 1952.

- Eleanor G. B. Glinos, A.B., Research Assistant in Biological Chemistry.
 Martin K. Gorten, A.B., M.D., Research Assistant in Pediatrics.¹
 Ruth K. Hall, Research Assistant in Psychiatry.^{1^t}
 William M. Headley, B.S., Research Assistant in Biochemistry.^{1^b}
 Carolyn F. Hendrickson, B.S., Bressler Reserve Fund Research Assistant in Physiology.
 June E. Hunt, Research Assistant in Psychiatry.
 Betty I. Ives, Research Assistant in Pediatrics.^{1²}
 Eunice P. Kennelly, Research Assistant in Psychiatry.^{1^a}
 Anna M. Laster, Research Assistant in Pediatrics.^{3^g}
 Lydia D. Lipinski, Research Assistant in Anatomy.^{1^s}
 Joseph B. Margolin, Research Assistant in Psychiatry.
 Doris H. Markley, A.B., Research Assistant in Psychiatry.
 John J. McLaren, B.S., Research Assistant in Anatomy (Part time).^{1^b}
 Jack H. Mendelson, Research Assistant in Psychiatry.¹
 June H. Mendelson, B.S., Research Assistant in Psychiatry.^{1^m}
 Irwin H. Moss, A.B., Research Assistant in Medicine.^{1^v}
 Dorothy M. Peterson, Research Assistant in Medicine.
 Edwin L. Poole, B.S., Research Assistant in Psychiatry.
 Albert M. Powell, Jr., M.D., Research Assistant in Pediatrics.^{1^y}
 Jeannette F. Rayner, Research Assistant in Psychiatry.^{3^a}
 M. Joseph Rehak, A.B., Research Assistant in Legal Medicine.^{1^g}
 Jane G. Rowell, B.S., Research Assistant in Psychiatry.^{1^o, 3^f}
 Martha K. Salter, R.N., Research Assistant in Legal Medicine.^{1^p}
 Arthur B. Silverstein, A.B., A.M., Research Assistant in Psychiatry.^{1^w}
 Elizabeth R. Steele, A.B., Research Assistant in Anatomy.^{3^b}
 Barbara T. Stewart, B.A., Research Assistant in Psychiatry.^{1ⁿ}
 Karl E. Sussman, A.B., Research Assistant in Physiology.^{1^d}
 Patricia S. Thorpe, B.A., Research Assistant in Biological Chemistry.^{3^e}
 Frank D. Vasington, B.S., M.S., Bressler Reserve Fund Research Assistant in Biological Chemistry.
 Floris de Balbian Verster, B.S., Research Assistant in Psychiatry.
 Amy Lee Wells, R.N., Research Assistant in Gynecological Pathology.
 Priscilla Rae Wilson, A.B., Research Assistant in Anatomy.^{3^b}
 Herbert L. Yousem, Research Assistant in Psychiatry.^{1^q}
 Betty May Zimmerman, Research Assistant in Legal Medicine.^{1^r}

Effective appointment dates: Research Assistants.

^{1^a} Feb. 1 to Dec. 31, 1953.

^{1^b} Oct. 1, 1952 to Sept. 30, 1953.

^{1^c} Feb. 1, 1953 to Jan. 31, 1954.

^{1^d} June 16 to July 31, 1953.

^{1^e} June 1 to Aug. 31, 1953.

^{1^f} Feb. 24, 1953.

^{1^g} Apr. 1, 1953.

^{1^h} June 1 to Aug. 31, 1953.

^{1ⁱ} Mar. 1, 1953.

^{1^j} Sept. 1, 1952.

^{1^k} June 15 to Sept. 15, 1953.

^{1^l} Sept. 22, 1952.

^{1^m} June 9, 1952.

^{1ⁿ} Nov. 15, 1952 to June 30, 1953.

^{1^o} Nov. 17, 1952.

^{1^p} Mar. 1, 1953.

^{1^q} June 18, 1953 to Sept. 16, 1953.

^{1^r} Dec. 1, 1952.

^{1^s} Jan. 1, to Aug. 31, 1953.

^{1^t} Feb. 16, 1953.

^{1^u} May 1, to June 30, 1953.

^{1^v} June 1 to Sept. 16, 1953.

^{1^w} Sept. 1, 1953 to Aug. 31, 1954.

^{1^x} June 1, 1953 to May 31, 1954.

^{1^y} July 1, to Oct. 31, 1953.

^{1^z} June 1 to Sept. 9, 1953.

Resignations: Research Assistants.

^{3^a} May 1, 1953.

^{3^b} Jan. 31, 1953.

^{3^c} April 30, 1953.

^{3^f} Feb. 20, 1953.

^{3^g} Oct. 20, 1952.

UNIVERSITY HOSPITAL

GEORGE H. BUCK, *Director*
 JAMES L. DACK, *Asst. Director*
 KURT H. NORK, *Asst. Director*

EXECUTIVE COMMITTEE OF THE STAFF

J. EDMUND BRADLEY, *Chairman*
 D. FRANK KALTREIDER, *Vice Chairman*
 DAVID R. WILL, *Secretary-Treasurer*

ROBERT B. DODD	WALTER L. KILBY
LOUIS H. DOUGLASS	F. EDWIN KNOWLES, JR.
CHARLES REID EDWARDS	MAURICE C. PINCOFFS
JACOB E. FINESINGER	MILTON S. SACKS
J. MASON HUNDLEY, JR.	GEORGE H. YEAGER

<i>Elected Members</i>	<i>Term Expires</i>
EVERETT S. DIGGS.....	1953
WILLIAM G. HELFRICH.....	1953
HARRY C. BOWIE.....	1954
W. KENNEDY WALLER.....	1954
RAYMOND K. THOMPSON.....	1955
CHARLES N. DAVIDSON.....	1955
GEORGE H. BUCK, <i>Director, University Hospital</i>	} <i>Ex officio members</i>
H. BOYD WYLIE, <i>Dean, School of Medicine</i>	

UNIVERSITY HOSPITAL STAFF

Physician-in-Chief..... MAURICE C. PINCOFFS

	THOMAS P. SPRUNT
	T. NELSON CAREY
	LOUIS A. M. KRAUSE
	WILLIAM S. LOVE, JR.
	MILTON S. SACKS
	LEWIS P. GUNDRY
	THEODORE E. WOODWARD
<i>Physicians</i>	EDWARD F. COTTER
	EPHRAIM T. LISANSKY
	SAMUEL T. R. REVELL, JR.
	HOWARD M. BUBERT
	SAMUEL MORRISON
	FRANK J. GERAGHTY
	JAMES R. KARNS
	C. EDWARD LEACH
	SIDNEY SCHERLIS
	IRVING J. SPEAR
	LEON FREEDOM
<i>Neurologists</i>	WILLIAM L. FEARING
	EDWARD F. COTTER
	GEORGE G. MERRILL
<i>Dermatologist-in-Chief</i>	HARRY M. ROBINSON, SR.

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	{ FRANCIS A. ELLIS HARRY M. ROBINSON, JR. A. ALBERT SHAPIRO ISRAEL ZELIGMAN EUGENE S. BERESTON
<i>Dermatologists</i>	
<i>Psychiatrist-in-Chief</i>	JACOB E. FINESINGER
	{ H. WHITMAN NEWELL KATHRYN L. SCHULTZ
<i>Psychiatrists</i>	{ EPHRIAM T. LISANSKY MAURICE H. GREENHILL GEORGE F. SUTHERLAND
<i>Pediatrician-in-Chief</i>	J. EDMUND BRADLEY
	{ C. LORING JOSLIN GORDON E. GIBBS A. H. FINKELSTEIN
<i>Pediatricians</i>	
<i>Pathologist-in-Chief</i>	HUGH R. SPENCER
	{ DEXTER L. REIMANN JOHN A. WAGNER
<i>Pathologists</i>	
<i>Surgeon-in-Chief</i>	CHARLES REID EDWARDS
	{ GEORGE H. YEAGER OTTO C. BRANTIGAN CHARLES A. REIFSCHEIDER HARRY C. HULL
<i>Surgeons</i>	
<i>Neurological Surgeon-in-Chief</i>	JAMES G. ARNOLD, JR.
	{ RICHARD G. COBLENTZ RAYMOND K. THOMPSON
<i>Neurological Surgeons</i>	
	{ THOMAS R. O'ROURK FREDERICK T. KYPER
<i>Laryngologists</i>	
<i>Proctologist-in-Chief</i>	MONTÉ EDWARDS
<i>Proctologist</i>	THURSTON R. ADAMS
<i>Orthopedic Surgeon-in-Chief</i>	ALLEN F. VOSHELL
	{ MOSES GELLMAN HENRY F. ULLRICH MILTON J. WILDER JAMES P. MILLER
<i>Orthopedic Surgeons</i>	
<i>Urologist-in-Chief</i>	W. HOUSTON TOULSON
	{ LYLE J. MILLAN HOWARD B. MAYS JOHN D. YOUNG MARTIN A. ROBBINS
<i>Urologists</i>	
<i>Anesthesiologist-in-Chief</i>	ROBERT B. DODD
<i>Anesthesiologist</i>	PAUL R. HACKETT
<i>Dental Surgeon-in-Chief</i>	BRICE M. DORSEY

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	{ MYRON S. AISENBERG
	{ JOSEPH C. BIDDIX
	{ HAROLD GOLTON
	{ JOSEPH P. CAPPUCCIO
	{ EDWARD C. DOBBS
<i>Dentists</i>	{ GRAYSON W. GAVER
	{ HUGH T. HICKS
	{ CONRAD L. INMAN
	{ ERNEST B. NUTTALL
	{ KENNETH V. RANDOLPH
	{ WILBUR O. RAMSEY
<i>Roentgenologist-in-Chief</i>	{ WALTER L. KILBY
<i>Roentgenologists</i>	{ CHARLES N. DAVIDSON
	{ DONALD J. BARNETT
	{ JOHN M. DENNIS
	{ THOMAS R. O'ROURK
	{ FREDERICK T. KYPER
<i>Bronchoscopists</i>	{ JOHN H. HIRSCHFELD
	{ RICHARD J. CROSS
	{ THOMAS D. MICHAEL
<i>Otologist-in-Chief</i>	{ THOMAS R. O'ROURK
<i>Obstetricians-in-Chief</i>	{ LOUIS H. DOUGLASS
	{ D. FRANK KALTREIDER
	{ J. MORRIS REESE
	{ ISADORE A. SIEGEL
	{ JOHN E. SAVAGE
	{ HUGH B. McNALLY
<i>Obstetricians</i>	{ D. McCLELLAND DIXON
	{ J. K. B. E. SEEGAR
	{ LOUIS C. GAREIS
	{ GEORGE H. DAVIS
	{ J. HUFF MORRISON
<i>Ophthalmologist-in-Chief</i>	{ F. EDWIN KNOWLES, JR.
<i>Ophthalmologist</i>	{ PAUL N. FRIEDMAN ⁶
	{ RUBY A. SMITH
<i>Assistant Ophthalmologists</i>	{ J. E. BRUMBACK
	{ JOHN C. OZAZEWSKI
<i>Gynecologist-in-Chief</i>	{ J. MASON HUNDLEY, JR.
	{ LEO BRADY
	{ BEVERLEY C. COMPTON
<i>Gynecologists</i>	{ WILLIAM K. DIEHL
	{ EVERETT S. DIGGS
	{ ERNEST I. CORNBROOKS, JR.
<i>Oncologist-in-Chief</i>	{ J. MASON HUNDLEY, JR.

⁶ On leave.

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1953 to June 30, 1954

- CHARLES B. ADAMS, JR., B.S., M.D., *Assistant Resident in Medicine*
 BENJAMIN A. ADELSTEIN, B.A., M.D., *Assistant Resident in Surgery*
 VAHARAM ARATOON, M.B., *Resident in Ophthalmology*
 ROBERT K. ARTHUR, JR., B.S., M.D., *Assistant Resident in Obstetrics*
 CHARLES BAGLEY, III, B.S., M.D., *Assistant Resident in Psychiatry*
 JAMES S. BROWNE, M.D., *Co-Resident in Neurosurgery: Mercy and Baltimore City Hospitals, July 1, 1953 to December 31, 1953; University Hospital, January 1, 1954 to June 30, 1954*
 FRANK E. BRUMBACK, M.D., *Assistant Resident in Surgery*
 DONALD B. CAMPBELL, M.D., *Resident in Obstetrics*
 RAYMOND L. CLEMMENS, B.S., M.D., *Assistant Resident in Pediatrics*
 NESTOR F. DE VENECIA, M.D., *Assistant Resident in Surgery*
 SAMUEL W. DEISHER, B.A., M.D., *Assistant Resident in Obstetrics and Gynecology*
 WALTER S. EASTERLING, B.S., M.D., *Assistant Resident in Psychiatry*
 LEE W. ELGIN, JR., M.D., *Assistant Resident in Medicine*
 MARIA PAZ FLOR, D.D.M., *Dental Resident*
 JAMES P. GALLAHER, A.B., M.D., *Assistant Resident in Obstetrics*
 F. SIDNEY GARDNER, JR., B.A., M.D., *Assistant Resident in Gynecology*
 L. FELIPE GONZALEZ, M.D., *Assistant Resident in Medicine*
 WILLIAM R. GRECO, B.S., M.D., *Assistant Resident in Obstetrics and Gynecology*
 ALBERT R. GUTIERREZ, M.D., *Assistant Resident in Surgery*
 JOHN R. HANKINS, B.A., M.D., *Assistant Resident in Surgery*
 CALVIN Y. HADIDIAN, A.B., M.D., *Resident in Thoracic Surgery*
 WILLIAM L. HEIMER, B.S., M.D., *Assistant Resident in Medicine*
 MAURICE E. HINDS, D.D.S., *Dental Resident*
 WILLIAM A. HOLBROOK, B.S., M.D., *Assistant Resident in Surgery*
 VIRGINIA HUFFER, B.S., M.D., *Resident in Psychiatry*
 L. VIRGINIA HUNTER, B.A., M.D., *Assistant Resident in Pediatrics*
 RICARDO IBANEZ, M.D., *Assistant Resident in Psychiatry*
 J. PAUL JOHNSON, JR., B.A., M.D., *Assistant Resident in Obstetrics*
 AUGUST KIEL, JR., M.D., *Co-Resident in Neurosurgery: University Hospital, July 1, 1953 to December 31, 1953; Mercy and Baltimore City Hospitals, January 1, 1954 to June 30, 1954.*
 JOHN M. KRAGER, B.S., M.D., *Assistant Resident in Pediatrics*
 FRANK G. KUEHN, A.B., M.D., *Assistant Resident in Medicine*
 HENRY E. LANGENFELDER, B.A., M.D., *Assistant Resident in Surgery*
 SANTIAGO LOMBANA, M.D., *Assistant Resident in Surgery*
 GEORGE H. LONGLEY, M.D., *Assistant Resident in Psychiatry*
 JOHN W. LOOPER, JR., M.D., *Assistant Resident in Medicine*
 CHARLES W. MCGRADY, JR., A.B., M.D., *Assistant Resident in Surgery*
 KATHLEEN R. MCGRADY, B.S., M.D., *Assistant Resident in Pediatrics*
 ARLE R. MANSBERGER, JR., M.D., *Resident in Surgery*
 P. GOVINDA MENON, B.S., M.B., *Assistant Resident in Pediatrics*
 FRANCESCO MICHENZI, M.D., *Assistant Resident in Psychiatry*¹
 EDMUND B. MIDDLETON, M.D., *Assistant Resident in Obstetrics and Gynecology*

¹ September 10, 1953.

EDUARDO M. MORALES, B.S., M.D., *Assistant Resident in Obstetrics*
 WILLIAM A. NIERMANN, M.D., *Resident in Pediatrics*
 WILLIAM F. PETERSON, M.D., *Resident in Gynecology*
 ALBERT M. POWELL, JR., M.D., *Assistant Resident in Pediatrics**
 EDWARD C. PREVOST, M.D., *Assistant Resident in Gynecology*
 JONAS R. RAPPEPORT, B.S., M.D., *Assistant Resident in Psychiatry*
 HOWARD F. RASKIN, A.B., M.D., *Resident in Medicine*
 EUGENE B. REX, M.D., *Resident in Otolaryngology**
 GEORGIA REYNOLDS, M.D., *Assistant Resident in Pediatrics*
 HENRY G. REEVES, JR., B.S., M.D., *Assistant Resident in Surgery*
 AUBREY D. RICHARDSON, B.S., M.D., *Assistant Resident in Medicine*
 G. V. RAMA ROW, M.B., B.S., *Assistant Resident in Pediatrics*
 JORDAN M. SCHER, A.B., M.D., *Assistant Resident in Psychiatry*
 JAMES A. SEWELL, M.D., *Assistant Resident in Surgery*
 NATHANIEL SHARP, M.D., *Assistant Resident in Orthopedics, serving at Baltimore City Hospitals*

JOHN O. SHARRETT, M.D., *Assistant Resident in Neurosurgery*
 CHARLES E. SIMONS, JR., M.D., *Assistant Resident in Surgery*
 GEORGE H. SMITH, A.B., M.D., *Assistant Resident in Psychiatry*
 HERBERT K. SPEERS, M.D., *Assistant Resident in Obstetrics and Gynecology*
 JOHN SPIROPOULOS, M.D., *Externe in Pediatrics*
 HENRY H. STARTZMAN, JR., M.D., *Fellow in Roentgenology*
 JOHN F. STRAHAN, M.D., *Assistant Resident in Medicine*
 W. J. TANENBAUM, B.S., M.D., *Assistant Resident in Psychiatry*
 BATE C. TOMS, JR., M.D., *Assistant Resident in Surgery*
 JOHN H. YOUNG, B.A., M.D., *Resident in Psychiatry*

ROTATING INTERNS

CHARLES W. BRADY, A.B., M.D.	JOSÉ RAMIREZ-RIVERA, B.A., M.D.
HERBERT S. BELL, M.D.	JAMES L. READ, B.S., M.D.
JOSEPH R. BOVE, B.S., M.D.	LEWIS C. RICHMOND, JR., M.D.
G. ROSS BRINKLEY, JR., A.B., M.D.	PHILIP SHEINBERG, M.D.
WALTER H. BYERLY, A.B., M.D.	ROBERT T. SINGLETON, B.S., M.D.
GEOFFREY C. R. CAREY, M.D.	W. HOWRY SLASMAN, A.B., M.D.
JOHN B. CODINGTON, B.S., M.D.	DOUGLAS H. SMITH, B.A., M.D.
STEPHEN C. CROMWELL, JR., B.A., M.D.	LOUIS M. SOD, B.A., M.D.
WYAND F. DOERNER, JR., B.S., M.D.	WILLIAM A. TYSON, B.S., M.D.
ROBERT W. GIBBES, B.S., M.D.	KARL H. WEAVER, A.B., M.D.
WILLIAM S. KISER, B.S., M.D.	JOEL S. WEBSTER, B.S., M.D.
HERBERT H. LEIGHTON, M.D.	ISRAEL H. WEINER, B.A., M.D.
SADREDIN MUSAVI, A.B., M.D.	FRANCIS E. WINSLOW, JR., A.B., M.D.
JOHN K. PEARSON, A.B., M.D.	

INTERN IN NEUROSURGERY

RAFAEL LONGO-CORDERO, B.S., M.D.

DENTAL INTERN

CARMEN V. RODRIQUEZ METTEE, B.S., D.D.S.

* July 1 to Aug. 31, 1953.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

KURT H. NORK *Director**Chief of Medical Clinic*..... MAURICE C. PINCOFFS*Assistant Chief, Medical Clinic*..... JOSEPH C. FURNARI

Consultants..... { WILLIAM H. TRIPLETT
T. NELSON CAREY
EDWARD F. COTTER
SAMUEL T. R. REVELL, JR.
E. T. LISANSKY

Physicians..... { WILLIAM K. WALLER
LOUIS V. BLUM
KURT LEVY
JAMES R. KARNS
JONAS COHEN
JOHN B. DEHOFF
ROBERT E. BAUER
DONALD MINTZER
HENRY W. HOLLJES
ROBERT T. PARKER
WILLIAM F. COX, III
MARVIN GOLDSTEIN
WALTER KARFGIN
JOSEPH MUSE
STANLEY STEINBACK
STEPHEN MAGNESS
JOSEPH B. WORKMAN

Chief of Gastro-Enterology Clinic..... WM. CARL EBELING, III*Assistant Gastro-Enterologist*..... ALBERT J. SHOCHAT*Chief of Neurology Clinic*..... LEON FREEDOM

Assistant Neurologists..... { WILLIAM L. FEARING
HARRY A. TEITELBAUM

Chief of Chest Clinic..... MEYER W. JACOBSON*Assistant, Diseases of the Lungs*..... MANUEL LEVIN*Chief of Diabetic Clinic*..... PERRY O. FUTTERMAN*Assistant*..... JOSEPH G. BIRD*Chief of Cardiovascular Clinic*..... C. EDWARD LEACH

Assistant Cardiologists..... { WILFRED H. TOWNSHEND
ROLLIN C. HUDSON
SIDNEY SCHERLIS
STEPHEN J. VAN LILL, III
JAMES J. NOLAN
E. R. SMITH

Chief of Allergy Clinic..... HOWARD M. BUBERT

Assistant Chiefs of Allergy Clinic..... { IRVIN B. KEMICK
JEROME SHERMAN

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*cont'd.*

<i>Assistant Allergists</i>	{ EDWARD S. KALLINS RAYMOND M. LAUER
<i>Director of Dermatology and Syphilis Clinic</i>	HARRY M. ROBINSON, SR.
<i>Chief of Dermatology and Syphilis Clinic</i>	HARRY M. ROBINSON, JR.
<i>Dermatologists and Syphilologists</i>	{ FRANCIS A. ELLIS ISRAEL ZELIGMAN A. ALBERT SHAPIRO R. C. V. ROBINSON EUGENE S. BERESTON WILLIAM R. BUNDICK
<i>Assistant Dermatologists and Syphilologists</i>	{ MORRIS M. COHEN MARK B. HOLLANDER LEE R. LERMAN
<i>Chief of the Arthritis Clinic</i>	LEON A. KOCHMAN
<i>Director of Psychiatric Clinic</i>	MAURICE H. GREENHILL
<i>Director of Child Guidance Clinic</i>	H. WHITMAN NEWELL
<i>Assistant Psychiatrists</i>	{ KATHRYN L. SCHULTZ HANS W. LOEWALD EPHRIAM LISANSKY ISADORE TUEK SAM NOVEY G. S. INGALLS ENOCH GALLAWAY, III WILLIAM N. FITZPATRICK MARION MATHEWS MARVIN JAFFE VIRGINIA SUTTONFIELD GEORGE F. SUTHERFIELD MANFRED S. GUTTMACHER KLAUS W. BERBLINGER KENT E. ROBINSON JEROME STYRT WILLIAM W. MAGRUDER FERN E. MACALISTER ARTHUR H. SCHMALE, JR. FRANK R. HOLTER
<i>Chief Roentgenologist</i>	WALTER L. KILBY
<i>Roentgenologists</i>	{ CHARLES N. DAVIDSON DONALD J. BARNETT JOHN M. DENNIS
<i>Director, Pediatric Clinic</i>	A. H. FINKELSTEIN
<i>Chief of Pediatric Clinic</i>	SAMUEL S. GLICK

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	{	ARNOLD F. LAVENSTEIN
		THOMAS E. WEEKS
		J. CARLTON WICH
		HOWARD GOODMAN
<i>Assistant Pediatricians</i>	{	MELVIN N. BORDEN
		LESTER CAPLAN
		RUTH B. BALDWIN
		EDWARD FIELD
	{	GARRET E. DEANE
<i>Director, Pediatric Cardiac Clinic</i>		SIDNEY SCHERLIS
<i>Assistant Director, Pediatric Cardiac Clinic</i> ...		GIBSON J. WELLS
<i>Assistant Pediatrician, Cardiac Clinic</i>		MARY HAYLECK
<i>Director, Pediatric Seizure Clinic</i>		RUTH B. BALDWIN
<i>Director, Pediatric Chest Clinic</i>		LOUIS V. BLUM
<i>Director, Developmental Clinic</i>		ANNIE M. BESTEBREURTJE
<i>Chief of Surgical Clinic</i>		ROBERT C. SHEPPARD
	{	SAMUEL E. PROCTOR
		WILLIAM B. SETTLE
<i>Assistant Surgeons</i>	{	KARL F. MECH
		JAMES N. CIANOS
		WILLIAM D. LYNN
	{	DAVID R. WILL
<i>Chief of Plastic Surgery</i>		EDWARD A. KITLOWSKI
<i>Chief of Orthopedic Surgery Clinic</i>		ALLEN FISKE VOSHELL
	{	MOSES GELLMAN
		HENRY F. ULLRICH
		MILTON J. WILDER
<i>Assistant Orthopedic Surgeons</i>	{	JAMES P. MILLER
		ROBERT C. ABRAMS
		EVERETT D. JONES
		JOHN J. TANSEY
	{	ROBERT T. STRANG
<i>Chief of Urology Clinic</i>		W. HOUSTON TOULSON
	{	JOHN F. HOGAN
		LYLE J. MILLAN
<i>Assistant Urologists</i>	{	HOWARD B. MAYS
		JOHN D. YOUNG, JR.
	{	MARTIN A. ROBBINS
<i>Chief of Otolaryngology Clinic</i>		BENJAMIN S. RICH
<i>Otolaryngologists</i>	{	SAMUEL L. FOX
		RICHARD J. CROSS
<i>Chief of Proctology Clinic</i>		MONTE EDWARDS

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

<i>Assistant Proctologists</i>	{	THURSTON R. ADAMS
	{	DONALD B. HEBB
	{	WILLIAM J. SUPIK
	{	RAYMOND CUNNINGHAM
	{	JOHN D. ROSIN
<i>Chief of Gynecology Clinic</i>		J. MASON HUNDLEY, JR.
<i>Assistant Chief of Gynecology Clinic</i>		BEVERLEY C. COMPTON
<i>Assistant Gynecologists</i>	{	WILLIAM K. DIEHL
	{	EVERETT S. DIGGS
	{	ERNEST I. CORNBROOKS, JR.
	{	W. ALLEN DECKERT
	{	HELEN I. MAGINNIS
	{	CHARLES B. MAREK
	{	THEODORE KARDASH
<i>Female Cystoscopists</i>	{	J. MASON HUNDLEY, JR.
	{	BEVERLEY C. COMPTON
	{	WILLIAM K. DIEHL
	{	ERNEST I. CORNBROOKS, JR.
	{	EVERETT S. DIGGS
<i>Chief of Dental Clinic</i>		BRICE M. DORSEY
<i>Assistant Chief of Dental Clinic</i>		JOSEPH P. CAPPUCCIO
<i>Chief of Obstetrical Clinic</i>		J. HUFF MORRISON
<i>Assistant Chief of Obstetrical Clinic</i>		MARGARET B. BALLARD
<i>Assistant Obstetricians</i>	{	J. K. B. E. SEEGAR
	{	CHARLES H. DOELLER, JR.
	{	GEORGE H. DAVIS
	{	THEODORE KARDASH
	{	HARRY MCB. BECK
	{	WILLIAM A. DODD
	{	IRVIN P. KLEMKOWSKI
	{	CLARENCE W. MARTIN
	{	VERNON C. KELLY
	{	HARRY COHEN
	{	THOMAS C. WEBSTER
	{	VINCENT DEP. FITZPATRICK
<i>Chief of Oncology Clinic, Gynecological Division</i>	{	ERNEST SCHER
	{	JAMES H. SHELL, JR.
	{	F. X. PAUL TINKER
	{	DANIEL EHRLICH
	{	WILLIAM D. GENTRY
<i>Assistants in Gynecological Division</i>	{	J. MASON HUNDLEY, JR.
	{	BEVERLEY C. COMPTON
	{	WILLIAM K. DIEHL
	{	ERNEST I. CORNBROOKS, JR.
	{	EVERETT S. DIGGS

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

<i>Assistants in Surgical Division</i>	{ ARTHUR G. SIWINSKI E. EUGENE COVINGTON J. DIER MOORES EDWIN H. STEWART, JR. LOUIS E. GOODMAN
<i>Chief of Vascular Clinic</i>	GEORGE H. YEAGER
<i>Assistant Chief of Vascular Clinic</i>	RAYMOND CUNNINGHAM
<i>Medical Consultant—Vascular Clinic</i>	LEWIS P. GUNDRY
<i>Chief of Ophthalmology Clinic</i>	F. EDWIN KNOWLES, JR.
<i>Assistant Ophthalmologists</i>	{ PAUL N. FRIEDMAN ⁶ RUBY A. SMITH D. J. MCHENRY J. E. BRUMBACK, JR. JOHN C. OZAZEWSKI
<i>Associate Professor of Speech, University of Maryland at College Park</i>	MERLE ANSBERRY, Ph.D.

OUT-PATIENT REPORT

JANUARY 1, 1952 TO JANUARY 1, 1953

<i>Department</i>	<i>New Cases</i>	<i>Re-Visits</i>	<i>Referred⁴</i>	<i>Total</i>
Allergy.....	52	3683	65	3800
Arthritis.....	21	277	27	325
Cardiology.....	24	1015	78	1117
Cystoscopy (Gyn).....	83	326	0	409
Cystoscopy (G.U.).....	51	35	0	86
Dermatology.....	900	3910	664	5474
Dep't "S" ¹	98	2158	322	2578
Diabetic.....	22	1193	53	1268
Ear, Nose & Throat.....	345	1181	433	1959
Endocrine.....	6	227	17	250
Eye.....	442	2363	524	3329
Gastro Intestinal.....	65	403	71	539
Genito Urinary.....	222	958	143	1323
Gynecology.....	782	3875	617	5274
Hematology.....	13	330	36	379
Medicine.....	897	5678	688	7263
Neurology.....	26	243	80	349
Neuro Surgery.....	92	326	105	523
Obstetrics.....	1536	13127	0	14663
Occupational Therapy.....	1	1058	59	1118
Oncology.....	127	1466	94	1687

⁶ On Leave.⁴ A referral has already been a patient in the Out-patient Department, and has been referred to one of the clinics for treatment or consultation.¹ Syphilology Clinic.

OUT-PATIENT REPORT—*Cont'd.*

<i>Department</i>	<i>New Cases</i>	<i>Re-Visits</i>	<i>Referred¹</i>	<i>Total</i>
Oral Surgery.....	102	701	278	1081
Orthopedic.....	591	2535	450	3576
Pediatric.....	2340	5825	86	8251
Pediatric Cardiology.....	30	250	1	281
Pediatric Chest.....	22	173	6	201
Pediatric Seizure.....	88	383	4	475
Physical Therapy.....	2	2094	324	2420
Plastic Surgery.....	11	16	10	37
Proctology.....	45	260	108	413
Psychiatry.....	19	2562	286	2867
Surgery.....	1656	6886	760	9302
Tuberculosis.....	79	1138	210	1427
Vascular.....	24	344	53	421
<i>Clinics Established July 1952</i>				
Well Baby ²	285	2068	1	2354
Minor Surgery.....	0	45	3	48
Circumcision.....	0	28	3	31
Comprehensive Medicine ³	0	54	1	55
Total.....	11,099	69,194	6,660	86,952

MEDICAL CARE CLINIC

UNIVERSITY HOSPITAL

Director.....HENRY W. D. HOLLJES
Assistant Director.....MARTHA CURTIS

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of the Out-patient Department Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the

² Maintained by the City Department of Health in cooperation with the Department of Pediatrics.

³ Directed by the Department of Psychiatry.

Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

4,606 public assistance clients have been assigned to this Clinic.

MERCY HOSPITAL

BOARD OF GOVERNORS

WALTER D. WISE, *Chairman*

MOTHER M. BERNADETTE	SISTER M. BRENDAN
SISTER M. VERONICA	HENRY F. BONGARDT
SISTER M. CARMEL	H. RAYMOND PETERS
SISTER M. ELLEN MARIE	MAURICE C. PINCOFFS
SISTER M. FRANCES LOUISE	DANIEL J. PESSAGNO
SISTER M. DAMIAN	J. SHELTON EASTLAND
SISTER M. THOMAS	FRANK K. MORRIS
SISTER M. HILDEGARD	SOL SMITH

ADVISORY BOARD OF MERCY HOSPITAL

MOST REVEREND LAWRENCE J. SHEEHAN	AUGUST B. HANEKE
HENRY C. EVANS	SAMUEL H. HOFFBERGER
THOMAS B. BUTLER	JAMES W. McELROY
H. C. BYRD	ALLEN W. MORTON
CHARLES C. CONLON	S. PAGE NELSON
CLARENCE E. ELDERKIN	THOMAS W. PANGBORN
RICHARD A. FROEHLINGER	WILLIAM F. SCHMICK
WILLIAM L. GALVIN	

MERCY HOSPITAL STAFF

<i>Surgeon-in-Chief</i>	WALTER D. WISE
	{ ELLIOTT H. HUTCHINS
	{ D. J. PESSAGNO
	{ F. L. JENNINGS
<i>Surgeons</i>	{ THOMAS R. CHAMBERS
	{ WILLIAM F. RIENHOFF
	{ HENRY F. BONGARDT
<i>Neurological Surgeon in Chief</i>	JAMES D. ARNOLD, JR.
<i>Consultant Neurological Surgeon</i>	CHARLES BAGLEY, JR.

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Neurological Surgeons</i>	{	RICHARD B. COBLENTZ
	{	FRANK J. OTENASEK
	{	JOHN W. CHAMBERS
	{	RAYMOND K. THOMPSON
	{	ROBERT N. CROSBY
<i>Associate Surgeons</i>	{	I. O. RIDGELY
	{	JAMES W. NELSON
	{	HOWARD B. McELWAIN
	{	SIMON H. BRAGER
	{	JOHN A. O'CONNOR
	{	CHARLES W. MAXSON
	{	I. RIDGEWAY TRIMBLE
	{	RAYMOND F. HELFRICH
<i>Assistant Surgeons</i>	{	JULIUS GOODMAN
	{	S. DEMARCO, JR.
	{	T. J. TOUHEY
	{	WILLIAM N. McFAUL, JR.
	{	MEYER H. ZURAVIN
	{	HOWARD L. ZUPNIK
	{	DANIEL R. ROBINSON
	{	JOSEPH V. JERARDI
	{	WM. C. DUNNIGAN
	{	HAROLD H. BURNS
	{	WILLIAM L. GARLICK
<i>Thoracic Surgeon-in-Chief</i>	{	JOHN F. SCHAEFER
	{	F. FORD LOKER
	{	PATRICK C. PHELAN, JR.
	{	MICHAEL L. DEVINCENTIS
	{	HAROLD P. BIEHL
	{	KIRK MOORE
	{	WILLIAM L. GARLICK
	{	EDWARD A. KITLOWSKI
	{	CLARENCE P. SCARBOROUGH
	{	F. EDWIN KNOWLES, JR.
<i>Plastic Surgeons</i>	{	
<i>Ophthalmologist-in-Chief</i>	{	JOSEPH V. JEPPI
<i>Associate Ophthalmologist</i>	{	M. RASKIN
<i>Associate Ophthalmologists and Otologists</i>	{	JOSEPH I. KEMLER
	{	F. A. PACIENZA
<i>Consulting Rhinologists and Laryngologists</i>	{	W. RAYMOND MCKENZIE
	{	GEORGE W. MITCHELL
<i>Consultant Rhinologist and Laryngologist</i>	{	WAITMAN F. ZINN
<i>Associate Rhinologists and Laryngologists</i>	{	FAYNE A. KAYSER
	{	BENJAMIN S. RICH
	{	THEODORE A. SCHWARTZ
	{	BENJAMIN H. ISAACS
	{	ARTHUR WARD

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Assistant Rhinologist and Laryngologist</i>	{ JOHN M. REHBERGER ⁵ HARRY P. PORTER ³ JAMES J. GERLACH
<i>Bronchoscopist-in-Chief</i>	WAITMAN F. ZINN ³
<i>Associate Bronchoscopist</i>	FAYNE A. KAYSER
<i>Assistant Bronchoscopists</i>	{ THEODORE A. SCHWARTZ ROBERT Z. BERRY
<i>Orthopaedic Surgeon-in-Chief</i>	H. L. ROGERS
<i>Associate Orthopaedic Surgeon</i>	HENRY F. ULLRICH
<i>Assistant Orthopaedic Surgeons</i>	{ I. H. MASERITZ J. H. GASKEL ISAAC GUTMAN EVERETT D. JONES
<i>Proctologist-in-Chief</i>	SIMON P. BRAGER
<i>Associate Proctologist</i>	WILLIAM J. SUPIK
<i>Urologist-in-Chief</i>	KENNETH D. LEGGE
<i>Associate Urologists</i>	{ LEON K. FARGO FRANCIS W. GILLIS J. S. HAINES JOSEPH H. MENNING
<i>Dermatologist-in-Chief</i>	FRANCIS A. ELLIS
<i>Associate Dermatologists</i>	{ EUGENE S. BERESTON R. C. V. ROBINSON WILLIAM R. BUNDICK
<i>Dentist</i>	J. D. FUSCO
<i>Consulting Dentist</i>	CONRAD L. INMAN
<i>Consulting Physician</i>	MAURICE C. PINCOFFS
<i>Consultant, Diseases of the Chest</i>	H. VERNON LANGELOTTIG
<i>Physician-in-Chief</i>	H. RAYMOND PETERS
<i>Physicians</i>	{ THOMAS P. SPRUNT GEORGE MCLEAN J. SHELDON EASTLAND LOUIS A. M. KRAUSE THOMAS C. WOLFF T. NELSON CAREY SOL SMITH S. EDWIN MULLER

³ Resigned March 26, 1953.

MERCY HOSPITAL STAFF—*Cont'd.*

	BARTUS T. BAGGOTT
	WETHERBEE FORT
	HUGH J. WELCH
	FREDERICK J. VOLLMER
<i>Associate Physicians</i>	WILLIAM H. KAMMER
	J. EMMETT QUEEN
	JOHN C. OSBORNE
	HENRY J. L. MARRIOTT
	JAMES J. NOLAN
	S. A. TUMMINELLO
	J. HOWARD BURNS
	EARL L. CHAMBERS
	K. W. GOLLEY
	JOHN R. DAVIS, JR.
<i>Assistant Physicians</i>	ARTHUR KARFGIN
	MAURICE FELDMAN, JR.
	E. ELLSWORTH COOK, JR.
	RICHARD A. CAREY
	FRANK T. KASIK, JR.
	WILLIAM H. GRENZER
	THADDIUS C. SIWINSKI ⁶
<i>Chief of Gastro-Enterology</i>	WILLIAM J. EBELING
<i>Consultant Gastro-Enterologist</i>	MAURICE FELDMAN
<i>Associate Gastro-Enterologist</i>	PHILIP D. FLYNN
<i>Consulting Pediatrician</i>	EDGAR B. FRIEDENWALD
<i>Pediatrician-in-Chief</i>	FREDERICK B. SMITH
<i>Associate Pediatrician</i>	G. BOWERS MANSDORFER
	JEROME FINEMAN
	O. WALTER SPURRIER
	ISRAEL P. MERANSKI
	EDWARD L. FREY, JR.
<i>Assistant Pediatricians</i>	EARL WEEKS
	DONALD D. COOPER
	JOSEPH M. CORDI
	J. CARLTON WICH
	DAVID JOSEPHS ⁶
	FREDERICH J. HELDRICH ⁶
<i>Consulting Neurologist</i>	ANDREW C. GILLIS
<i>Neuro-Psychiatrist-in-Chief</i>	PHILIP F. LERNER
	GEORGE G. MERRILL
	EDWARD L. SUAREZ-MURIAS
<i>Associate Neurologists and Psychiatrists</i>	FREDERICK S. WOLF ⁶
	JOHN C. BRICKNER
	WILLIAM A. RINN
	FRANK AYD, JR.

⁶ On Leave.

MERCY HOSPITAL STAFF—*Con't.*

<i>Anesthesiologist</i>	JAMES RUSSO
<i>Consulting Obstetrician</i>	EDWARD P. SMITH
<i>Obstetrician-in-Chief</i>	JOHN J. ERWIN
	THOMAS K. GALVIN
	FRANK K. MORRIS
	HUGH B. McNALLY
<i>Obstetricians</i>	WILLIAM C. DUFFY
	HARRY F. KANE
	CHARLES H. DOELLER, JR.
	WILLIAM A. DODD
	HARRY MCB. BECK
	JOSEPH C. SHEEHAN
	ROBERT B. TUNNEY
<i>Associate Obstetricians</i>	WILLIAM J. RYSANEK, JR.
	ANTHONY DiPAULA
	J. BROOKE BOYLE, JR.
	JOHN F. ULLSPERGER
	VINCENT DEP. FITZPATRICK, JR.
<i>Assistant Obstetricians</i>	WILLIAM D. GENTRY, JR.
	WALTER K. SPELSBERG
	F. X. PAUL TINKER
	H. HOWARD BURNS
<i>Gynecologist-in-Chief</i>	THOMAS K. GALVIN
	EDWARD P. SMITH
<i>Gynecologists</i>	JOHN J. ERWIN
	FRANK K. MORRIS
	GEORGE A. STRAUSS, JR.
	CHARLES H. DOELLER, JR.
<i>Associate Gynecologists</i>	WILLIAM A. DODD
	HARRY MCB. BECK
	WILLIAM C. DUFFY
	GERALD A. GALVIN
	JOSEPH C. SHEEHAN
	ROBERT B. TUNNEY
	HARRY F. KANE
<i>Assistant Gynecologists</i>	WILLIAM J. RYSANEK, JR.
	JOHN F. ULLSPERGER
	F. X. PAUL TINKER
	VINCENT DEP. FITZPATRICK
	WILLIAM D. GENTRY, JR.
<i>Pathologist-in-Chief</i>	C. GARDNER WARNER
<i>Consultant Pathologist</i>	HUGH R. SPENCER
<i>Clinical Pathologist</i>	H. T. COLLEBERG
<i>Clinical Hematologist</i>	H. RAYMOND PETERS
<i>Clinical Biochemist</i>	CHARLES E. BRAMBEL

MERCY HOSPITAL STAFF—*Cont'd.*

	{	SISTER PAULA MARIE
	{	SISTER M. CONRAD
	{	ELEANOR BEHR
	{	ELIZABETH JOHNSON
	{	CONSTANCE CHAPMAN
<i>Technicians</i>	{	FLORESE SAMORODIN
	{	MARY MEYER
	{	PATRICIA FOGARTY
	{	ANN ROGERS
	{	THERESA PAPIRI
	{	GERALDINE DABRZYKOWSKI
<i>Radiologist</i>		EDWARD R. DANA
<i>Supervisor (X-ray)</i>		ELIZABETH KENLY, R.N.
	{	SISTER M. JULIENA
	{	SARA CROSS
<i>Technicians (X-ray)</i>	{	RUTH MAY, R.N.
	{	RUTH HALL
	{	SHIRLEY HORNER

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1953—JUNE 30, 1954

RESIDENT STAFF

WILLIAM B. REYER, JR., M.D.....	<i>Co-Resident in Surgery</i>
LEONARD G. HAMBERRY, A.B., M.D.....	<i>Co-Resident in Surgery</i>
FRANK A. THEUERKAUF, JR., M.D.....	<i>Senior Assistant Resident in Surgery</i>
ROBERT A. MOORE, JR., A.B., M.D.....	<i>Senior Assistant Resident in Surgery</i>
FAUSTO M. PREZIOSO, M.D.....	<i>Junior Assistant Resident in Surgery</i>
IRA B. ANDERSON, B.S., M.D.....	<i>Junior Assistant Resident in Surgery</i>
CALVIN Y. HADIDIAN, B.A., M.D.....	<i>Resident in Thoracic Surgery</i>
JAMES S. BROWNE, M.D.....	<i>Resident in Neurosurgery</i>
	(July 1, 1953 to Dec. 31, 1953)
AUGUST KIEL, JR., M.D.....	<i>Resident in Neurosurgery</i>
	(Jan. 1, 1954 to June 30, 1954)
FRANCIS J. JANUSZESKI, B.S., M.D.....	<i>Resident in Pathology</i>
MILAGROS M. CORREA, M.D.....	<i>Resident in Gynecology</i>
EDWARD M. BARCZAK, M.D.....	<i>Resident in Obstetrics</i>
JOSEPH T. MICHELS, B.S., M.D.....	<i>Assistant Resident in Gyn and Obs</i>
JAMES M. McDONALD, JR., B.S., M.D.....	<i>Assistant Resident in Gyn and Obs</i>
HERBERT ECKERT, B.S., M.D.....	<i>Resident Pediatrician</i>
CLARA F. MANALO-SANTAMARIA, A.A., M.D.....	<i>Assistant Resident in Pediatrics</i>
E. PAUL COFFAY, JR., B.S., M.D.....	<i>Resident in Medicine</i>
WILLIAM G. ESMOND, B.S., M.D.....	<i>Senior Assistant Resident in Medicine</i>
HARRY B. SCOTT, B.A., M.D.....	<i>Senior Assistant Resident in Medicine</i>
JACENTO GOCHOCO, A.A., M.D.....	<i>Junior Assistant Resident in Medicine</i>
ROBERT J. LYDEN, M.D.....	<i>Junior Assistant Resident in Medicine</i>
NICHOLAS C. GARCIA, M.D.....	<i>Resident in Dentistry</i>

ROTATING INTERNES

GEORGE H. BECK, A.B., M.D.
 JAMES G. BOYES, JR., B.A., M.D.
 CHARLES F. CARROLL, JR., B.S., M.D.
 DONALD S. CARTER, M.D.
 ROY J. FISCHER, M.D.
 LEONARD H. FLAX, B.S., M.D.
 JOHN W. HEISSE, JR., A.B., M.D.
 THOMAS L. JONES, B.S., M.D.
 THOMAS C. LEE, B.S., M.D.

GEORGE H. MILLER, B.S., M.D.
 JOSEPH F. PALMISANO, B.S., M.D.
 CORBETT L. QUINN, A.B., M.D.
 RICHARD E. SCHINDLER, B.S., M.D.
 JAMES R. TROXEL, A.B., M.D.
 DAVID G. WALLIN, B.S., M.D.
 JACK T. WATSON, B.S., M.D.
 HARRY S. WEEKS, JR., A.B., M.D.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF

<i>Dispensary Director</i>	SISTER M. ANITA
<i>Director of Surgical Clinic</i>	WALTER D. WISE
<i>Chief of Surgical Clinic</i>	HAROLD H. BURNS
	I. RIDGEWAY TRIMBLE
	HOWARD L. ZUPNIK
	DANIEL R. ROBINSON
	JOSEPH V. JERARDI
	WILLIAM C. DUNNIGAN
	WILLIAM L. GARLICK
	JOHN F. SCHAEFER
<i>Assistant Surgeons</i>	F. FORD LOKER
	PATRICK C. PHELAN
	ARTHUR G. SIWINSKI
	MELVIN F. POLEK
	MICHAEL L. DEVINCENTIS
	PAUL R. ZIEGLER
	HAROLD P. BIEHL
	KIRK MOORE
<i>Chief of Plastic Surgery</i>	EDWARD A. KITLOWSKI
<i>Assistant in Plastic Surgery</i>	CLARENCE P. SCARBOROUGH
<i>Chief of Urology Clinic</i>	KENNETH D. LEGGE
	FRANCIS W. GILLIS
<i>Assistant Urologists</i>	L. K. FARGO
	JOHN S. HAINES
	JOSEPH H. MENNING
<i>Chief of Proctology Clinic</i>	SIMON H. BRAGER
<i>Assistant Proctologist</i>	WILLIAM J. SUPIK
<i>Chief of Orthopaedic Clinic</i>	HARRY L. ROGERS
	HENRY F. ULLRICH
	ISAAC GUTMAN
<i>Assistant Orthopaedic Surgeons</i>	JASON H. GASKEL
	I. H. MASERITZ
	EVERETT D. JONES

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

<i>Chief of Thoracic-Surgery Clinic</i>	WILLIAM L. GARLICK
<i>Consulting Neuro-Surgeon</i>	CHARLES BAGLEY, JR.
<i>Chief of Neuro-Surgery</i>	JAMES G. ARNOLD, JR.
<i>Neuro-Surgeons</i>	{ JOHN W. CHAMBERS FRANK J. OTENASEK RAYMOND K. THOMPSON
<i>Director of Medical Clinic</i>	H. RAYMOND PETERS
<i>Chiefs of Medical Clinic</i>	{ SOL SMITH S. EDWIN MULLER
	{ FREDERICK J. VOLLMER WILLIAM H. KAMMER JOHN R. DAVIS J. EMMETT QUEEN CHARLES F. O'DONNELL ARTHUR KARFGIN JOHN C. OSBORNE
<i>Assistant Physicians</i>	{ MAURICE FELDMAN, JR. JAMES J. NOLAN E. ELLSWORTH COOK, JR. THADDEUS C. SIWINSKI ⁶ DONALD J. ROOP RICHARD A. CAREY WILLIAM H. GRENZER FRANK T. KASEK, JR.
<i>Chief of Allergy Clinic</i>	S. EDWIN MULLER
<i>Chief of Cardiorascular Clinic</i>	THOMAS C. WOLFF
<i>Assistant Cardiologists</i>	{ LEON ASHMAN HENRY J. L. MARRIOTT
<i>Chief of Metabolism Clinic</i>	J. SHELDON EASTLAND
<i>Assistant in Metabolism Clinic</i>	J. EMMETT QUEEN
<i>Chief of Gastro-Enterology Clinic</i>	KARL W. EBELING
<i>Associate Gastro-Enterologist</i>	PHILIP D. FLYNN
<i>Consulting Gastro-Enterologist</i>	MAURICE FELDMAN, SR.
<i>Director of Pediatric Clinic</i>	FRED B. SMITH
<i>Chief of Pediatric Clinic</i>	G. BOWERS MANSDORFER
<i>Assistant Pediatricians</i>	{ ISRAEL T. MERANSKI O. WALTER SPURRIER EDWARD L. FREY, JR. EARL WEEKS JOSEPH CORDI DAVID JOSEPHS ⁶

⁶ On Leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

<i>Associate in Pediatric-Neurology</i>	ROBERT L. CROSBY
<i>Chief of Neurologic and Psychiatric Clinics</i>	PHILIP F. LERNER
<i>Associate Neurologist and Psychiatrist</i>	GEORGE G. MERRILL
<i>Consulting Psychiatrists</i>	{ANDREW C. GILLIS EDWARD L. SUAREZ-MURIAS
	{FRANK J. AYD, JR. JOHN C. BRICKNER
<i>Assistant Neurologist and Psychiatrists</i>	{WILLIAM A. RINN FREDERICK F. WOLF ⁶
<i>Director of Dermatology and Syphilis Clinic</i>	FRANCIS A. ELLIS
<i>Assistant Dermatologists and Syphilologists</i>	{R. C. V. ROBINSON EUGENE S. BERESTON
	{WILLIAM R. BUNDICK
<i>Oncologist</i>	JAMES W. NELSON
<i>Director of Anticoagulant Clinic</i>	CHARLES E. BRAMBEL
<i>Medical Director of Anticoagulant Clinic</i>	H. T. COLLEMBERG
<i>Director of Gynecology</i>	THOMAS K. GALVIN
<i>Chief of the Gynecology Clinic</i>	FRANK K. MORRIS
	{J. J. ERWIN CHARLES H. DOELLER, JR.
	{WILLIAM A. DODD HARRY F. KANE
	{HARRY MCB. BECK WILLIAM C. DUFFY
<i>Assistant Gynecologists</i>	{JOSEPH C. SHEEHAN ROBERT B. TUNNEY
	{GERALD A. GALVIN JOHN M. PALESE
	{JOHN F. ULLSPERGER F. X. PAUL TINKER
	{VINCENT DEPAUL FITZPATRICK, JR. ANTHONY DiPAULA
<i>Chief of Obstetrical Clinic</i>	JOHN J. ERWIN
	{HARRY F. KANE WILLIAM A. DODD
	{HARRY MCB. BECK JOSEPH C. SHEEHAN ⁶
<i>Assistant Obstetricians</i>	{ROBERT B. TUNNEY WILLIAM J. RYSANEK, JR.
	{ANTHONY DiPAULA JOHN F. ULLSPERGER
	{VINCENT DEPAUL FITZPATRICK, JR. J. BROOKE BOYLE, JR.

⁶ On Leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Con't.*

<i>Associate Esophagoscopist</i>	FAYNE A. KAYSER
<i>Assistant Rhinologists and Laryngologists</i>	THEODORE A. SCHWARTZ BENJAMIN H. ISAACS ARTHUR WARD ROBERT Z. BERRY JOHN M. REHBERGER⁵ HARRY P. PORTER JAMES J. GERLACH
<i>Chief of Ophthalmology Clinic</i>	M. RASKIN
<i>Assistant Ophthalmologists</i>	F. A. PACIENZA JOSEPH V. JEPPI
<i>Chief of Dental Clinic</i>	J. D. FUSCO
<i>Assistant Chief, Dental Clinic</i>	EDWARD R. STINEBERT
<i>Consulting Dentist</i>	CONRAD L. INMAN
<i>Radiology</i>	EDWARD R. DANA
<i>Anesthesiology</i>	JAMES RUSSO
<i>Physiotherapists</i>	LEON HANNAN ALICE R. HANNAN
<i>Director Social Service Department</i>	SISTER M. SCHOLASTICA

MEDICAL CARE CLINIC

MERCY HOSPITAL

<i>Director</i>	S. EDWIN MULLER
<i>Assistant Director</i>	M. PATRICA LEMMON

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Medical Care Clinic at Mercy Hospital is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Arrangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends to him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Staff at Mercy are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

MERCY HOSPITAL OUT-PATIENT DEPARTMENT REPORT

JANUARY 1, 1952 TO JANUARY 1, 1953

	Visits		
	New	Old	Total
<i>Medical Clinics</i>			
Allergy.....	7	21	28
Cardiac.....	65	410	475
Diabetes.....	32	735	767
Gastro-Intestinal.....	29	126	155
Medicine.....	759	2901	3660
Neurology.....	132	600	732
Skin.....	327	748	1075
<i>Surgical Clinics</i>			
Genito-Urinary.....	78	232	310
Neurological Surgery.....	63	122	185
Orthopedics.....	222	437	659
Proctology.....	68	72	140
Surgery.....	1164	2952	4116
Surgical Follow Up.....	139	499	638
<i>Other Clinics</i>			
Bronchoscopic.....	148	233	381
Dental.....	194	120	314
Eye.....	331	369	700
Gynecology.....	455	1194	1649
Medical Care.....	484	0	484
Nose & Throat.....	545	804	1349
Pediatrics.....	676	1532	2208
Physiotherapy.....	10	206	216
Prenatal.....	326	2293	2619
Postnatal.....	231	1	232
Total.....	6485	16607	23092
<i>Special Service Departments</i>			
Basal Metabolism Tests.....			72
Cystoscopic Examinations.....			46
Electrocardiographs.....			190
X-ray Patients.....			2118
Total.....			25,518

THE BALTIMORE CITY HOSPITALS

STAFF, 1953-1954

PARKER J. McMILLIN, *Superintendent*

Surgeon-in-Chief..... OTTO C. BRANTIGAN, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

	{ JAMES C. OWINGS, M.D.
	I. RIDGEWAY TRIMBLE, M.D.
	AMOS KOONTZ, M.D.
Visiting Surgeons.....	{ THURSTON R. ADAMS, M.D.
	HARRY C. BOWIE, M.D.
	DONALD B. HEBB, M.D.
	RICHARD GARRETT, M.D.
	JOSEPH MILLER, M.D.
Visiting Thoracic Surgeon.....	{ WILLIAM L. GARLICK, M.D.
	R. ADAMS COWLEY, M.D.
Consultant in Traumatic Surgery.....	C. A. REIFSCHNEIDER, M.D.
Visiting Hand Surgeon.....	RAYMOND M. CURTIS, M.D.
Visiting Gastro-Enterologist.....	WILLIAM EBERLING, M.D.
	{ RICHARD G. COBLENTZ, M.D.
Visiting Neuro-Surgeons.....	{ JAMES G. ARNOLD, M.D.
	R. K. THOMPSON, M.D.
Assistant Visiting Neuro-Surgeon.....	{ WILLIAM MOSBERG, M.D.
	ROBERT M. N. CROSBY, M.D.
Consultant Neuro-Surgeon.....	CHARLES BAGLEY, M.D.
Consultant in Plastic Surgery.....	EDWARD A. KITLOWSKI, M.D.
Visiting Plastic Surgeon.....	CLARENCE P. SCARBOROUGH, M.D.
Visiting Proctologist.....	MONTÉ EDWARDS, M.D.
	{ W. HOUSTON TOULSON, M.D.
Visiting Urologists.....	{ HOWARD B. MAYS, M.D.
	HUGH JEWITT, M.D.
	JOHN D. YOUNG, M.D.
Chief Gynecologist.....	BEVERLEY C. COMPTON, M.D.
	{ WILLIAM K. DIEHL, M.D.
Visiting Gynecologists.....	{ EVERETT S. DIGGS, M.D.
	EDWARD R. RICHARDSON, JR., M.D.
	GERALD GALVIN, M.D.
Visiting Orthopedic Surgeons.....	{ ALLEN F. VOSHELL, M.D.
	MILTON J. WILDER, M.D.
	{ ISAAC A. GUTMAN, M.D.
Assistant Visiting Orthopedic Surgeons.....	{ EVERETT D. JONES, M.D.
	JOHN TANSEY, M.D.
Consultant Otolaryngologist.....	JOHN BORDLEY, M.D.
	{ FRED T. KYPER, M.D.
Visiting Otolaryngologists.....	{ ALFRED T. LIEBERMAN, M.D.
	JOHN HERSCHFELD, M.D.
Visiting Ophthalmologist.....	WILLIAM MARR, M.D.
Visiting Oncologist.....	ARTHUR G. SIWINSKI, M.D.
	{ ALFRED T. NELSON, M.D.
Visiting Anesthesiologists.....	{ THEODORE STACY, M.D.
	LEONARD ABRAMOVITZ, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Consultant in Peripheral Vascular Diseases</i>	GEORGE H. YEAGER, M.D.
<i>Chief Pathologist</i>	To be appointed
<i>Visiting Neuropathologist</i>	JOHN A. WAGNER, M.D.
<i>Consultant in Psychiatry</i>	ESTHER L. RICHARDS, M.D.
<i>Chief Radiologist</i>	JOHN DECARLO, JR., M.D.
<i>Visiting Radiologist</i>	HERBERT COPELAND, M.D.
<i>Chief Pediatrician</i>	HAROLD E. HARRISON, M.D.
<i>Assistant Chief Pediatrician</i>	LAURENCE FINBURG, M.D.
<i>Visiting Pediatricians</i>	{ MILTON MARKOWITZ, M.D. ARNOLD TRAMER, M.D. TALMAGE PINKNEY, M.D. PAUL F. WEHRLE, M.D.
<i>Chief Hospital Physician—Tuberculosis</i>	H. VERNON LANGEUTTIG, M.D.
<i>Assistant Hospital Physician—Tuberculosis</i>	EDMUND G. BEACHAM, M.D.
<i>Visiting Physicians—Tuberculosis</i>	JOHN H. HIRSCHFELD, M.D.
<i>Chief Physician</i>	GEORGE S. MIRICK, M.D.
<i>Assistant Chief Physicians</i>	{ DOUGLAS CARROLL, M.D. HOWARD K. RATHBUN, M.D. LOUIS A. M. KRAUSE, M.D. JULIUS WAGHELSTEIN, M.D. JULIUS KREVANS, M.D. C. GORDON WISWELL, M.D. JOHN T. KING, M.D. C. HOLMES BOYD, M.D. A. MCGHEE HARVEY, M.D.
<i>Visiting Physicians</i>	{ A. MURRAY FISHER, M.D. ORLYN WOOD, M.D. WILLIAM G. SPEED, III, M.D. CRAWFORD KIRKPATRICK, M.D. ERNEST CROSS, M.D. JOSEPH KING, M.D. L. A. M. KRAUSE, M.D. JOSEPH BUNIM, M.D. JOHN H. MILLER, M.D.
<i>Assistant Visiting Physicians (USPHS)</i>	{ MILTON LANDOWNE, M.D. DONALD M. WATKINS, M.D. JOSEPH A. FALZONE, M.D.
<i>Physiologist</i>	NATHAN W. SHOCK, PH.D.
<i>Visiting Neurologist</i>	J. W. MAGLADERY, M.D.
<i>Assistant Visiting Neurologist</i>	DAVID B. CLARK, M.D.
<i>Consultant Neurologist</i>	FRANK R. FORD, M.D.
<i>Visiting Dermatologist</i>	RAYMOND C. V. ROBINSON, M.D.
<i>Consultant in Hematology</i>	PHILIP F. WAGLEY, M.D.
<i>Chief Dental Surgeon</i>	H. GLENN WARING, D.D.S.

BALTIMORE CITY HOSPITAL STAFF—Cont'd.

<i>Visiting Dental Surgeons</i>	L. W. BIMESTEFER, D.D.S.
	MICHAEL VARIPATIS, D.D.S.
	B. W. MIKSINSKI, D.D.S.
	ELPIDIO DIAZ, D.D.S.
	J. T. REILLY, D.D.S.
<i>Orthodontist</i>	R. KENT TONGUE, D.D.S.
<i>Chief Obstetrician</i>	LOUIS H. DOUGLASS, M.D.
<i>Visiting Obstetrician</i>	J. MORRIS REESE, M.D.
<i>Assistant Visiting Obstetricians</i>	D. FRANK KALTREIDER, M.D.
	JOHN E. SAVAGE, M.D.
	J. WILLIAM DORMAN, M.D.
	GEORGE W. ANDERSON, M.D.
	LOUIS C. GAREIS, M.D.
	JAMES H. SHELL, M.D.
	VINCENT FITZPATRICK, M.D.
	WILLIAM GENTRY, M.D.
	TRENT BUSBY, M.D.

THE JAMES LAWRENCE KERNAN HOSPITAL AND
INDUSTRIAL SCHOOL OF MARYLAND FOR
CRIPPLED CHILDREN

STAFF, 1953-1954

<i>Surgeon-in-Chief and Medical Director</i>	ALLEN FISKE VOSHELL, A.B., M.D.
<i>Associate Orthopaedic Surgeons</i>	MOSES GELLMAN, B.S., M.D.
	HARRY L. ROGERS
	HARRY F. ULLRICH, M.D.
	WINTHROP M. PHELPS, A.B., M.D.
	MILTON J. WILDER, M.D.
	DAVID L. FILTZER, M.D.
	JAMES P. MILLER, M.D.
	ROBERT C. ABRAMS, M.D.
	ISAAC A. GUTMAN, M.D.
	JOHN J. TANSEY, M.D.
<i>Roentgenologist</i>	CHARLES N. DAVIDSON, M.D.
<i>Plastic Surgeon</i>	EDWARD A. KITLOWSKI, A.B., M.D.
<i>Aurist and Laryngologist</i>	BENJAMIN S. RICH, A.B., M.D.
<i>Dentist</i>	M. E. COBERTH, D.D.S.
<i>Cardiologist</i>	HELEN M. TAUSSIG, M.D.
<i>Pediatricist</i>	MELCHIJAH SPRAGINS, M.D.
<i>Consulting Surgeon</i>	CHARLES REID EDWARDS, A.B., M.D.
<i>Consulting Neurological Surgeon</i>	CHARLES BAGLEY, JR., M.A., M.D.
<i>Consulting Dermatologists</i>	HARRY M. ROBINSON, SR., M.D.
	LEON GINSBURG, M.D.
<i>Consulting Neurologists</i>	IRVING J. SPEAR, M.D.
	R. V. SELIGER, M.D.

KERNAN HOSPITAL STAFF—*Cont'd.*

<i>Consulting Pediatricists</i>	{ BENJAMIN TAPPAN, A.B., M.D. J. EDMUND BRADLEY, M.D.
<i>Consulting Pathologist</i>	HUGH R. SPENCER, M.D.
<i>Consulting Roentgenologist</i>	HENRY J. WALTON, M.D.
<i>Resident Orthopaedic Surgeon</i>	ROBERT T. STRANG
<i>Superintendent</i>	MISS MAUD M. GARDNER, R.N.
<i>Dispensary and Social Service Nurse</i>	MRS. EVELYN BYRD ZAPP, R.N.
<i>Physical Therapists and X-ray Technicians</i>	{ MISS NANCY R. BUTLER MISS JULIA A. COLLINS MRS. GEORGIANA WISONG
<i>Physical Therapists</i>	{ WILLIAM NEILL, III MISS JULIA A. COLLINS
<i>Occupational Therapist</i>	MRS. VIRGINIA SHAUN, O.T.
<i>Instructor in Grammar School</i>	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 33,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

OUT PATIENT DEPARTMENT

The Out Patient Department is located on the S.W. corner of Lombard and Greene Streets. The building was originally the University Hospital. It has been remodeled to provide space and facilities for more than thirty clinics, the departments of X-ray, a Pharmacy, Laboratory and other ancillary services.

Admission policies are predicated upon the teaching requirements of the School of Medicine and the ward services of the University Hospital.

A close liaison is maintained with the City Health Department through the joint efforts of the University Hospital and the City Department of Health in maintaining the Well Baby Clinic, the Western Health District and the Medical Care Clinic, which are housed in the Out Patient Department building.

The Department of Art and the Department of Dental Anatomy also have quarters in the Out Patient Department building.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service provides accommodation for 40 ward patients and assures the student abundant obstetrical training. During the year ending December 31st 1952, 3160 patients were delivered and discharged. Of these, 2220 were service cases and available for teaching. Each member of the graduating class participated in an average of 11 deliveries in addition to those he attended at Baltimore City Hospitals as a junior student.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

The Sisters of Mercy first assumed charge of the Hospital at the corner of Calvert and Saratoga Streets, then owned by the Washington University, in 1874. By the merger of 1878 the Hospital came under the control of the College of Physicians and Surgeons, but the Sisters continued their work of ministering to the patients.

In a very few years it became apparent that the City Hospital, as it was then called, was much too small to accommodate the rapidly growing demands upon it. However, it was not until 1888 that the Sisters of Mercy, with the assistance of the Faculty of the College of Physicians and Surgeons, were able to lay the cornerstone of the present hospital. This building was completed and occupied late in 1889. Since then the growing demands for more space have compelled the erection of additions, until now there are accommodations for 350 patients.

In 1909 the name was changed from The Baltimore City Hospital to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the Faculty of the University of Maryland School of Medicine and College of Physicians and Surgeons.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 400 beds, 90 bassinets.

The Hospital for Chronic Cases, 575 beds.

The Hospital for Tuberculosis, 280 beds.

Infirmary (Home for Aged) 700 beds.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1952 the out-patient visits numbered 23,643.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION

Requests for application forms should be filed not earlier than September 15th preceding by one year the desired date of admission. These forms may be secured from the Committee on Admissions, School of Medicine, University of Maryland, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO THE FIRST YEAR

Application for admission is made by filing the required form and by having all pertinent data sent directly to the Committee on Admissions, in accordance with the instructions accompanying the application.

Consideration will be given applications received after December 1st provided the class is not complete.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

- (a) Graduation from an approved secondary school, or the awarding of a high school equivalency certificate by a state or county board of public education, and
- (b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.
- (c) The following courses and credits in basic required subjects must be completed by June of the year the applicant desires to be admitted:

	<i>Semester hours</i>	<i>Quarter hours</i>
General biology or zoology	*(6) 8	*(9) 12
Inorganic chemistry	*(6) 8	*(9) 12
Organic chemistry	6-8	9-12
General physics	*(6) 8	*(9) 12
English	6	9
Modern language (German, French, Spanish) . .	6	9

* Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

- (d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

- (e) Students will not be admitted who have unabsolved conditions or failures in college courses.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

<i>Humanities</i>	<i>Natural Sciences</i>	<i>Social Sciences</i>
English (an advanced course in English composition should be taken, if possible)	Vertebrate Embryology	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	Quantitative Analysis	Political Science
	Physical Chemistry	Psychology (a general course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six semester hours in the humanities and social sciences are recommended in a three-year college course. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who manifest an aptitude for the natural sciences or as limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of C or better without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of the State by maintaining such residence for at least one full year. However, the right of the minor students to change from a non-resident to resident status must be established by him prior to the registration period for any semester.

Adult students are considered to be resident if at the time of their registration they have been domiciled in this State for at least one year provided such residence has not been acquired while attending any school or college in Maryland or elsewhere.

The word domicile as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

CURRENT FEES

Matriculation fee (paid once).....	\$10.00
Tuition fee (each year)—Residents of Maryland.....	450.00
Tuition fee (each year)—Non-Residents.....	700.00
Laboratory fee (each year).....	25.00
Student health service fee (each year).....	30.00
Student activities and service fee (each year).....	20.00
†Lodging and meals fee.....	20.00
Graduation fee.....	15.00
Re-examination fee (each subject).....	5.00
Transcript fee to graduates. First copy gratis, each copy thereafter.....	1.00

† Senior Students will be billed for this fee, covering lodging and meals for a two-week period while on obstetrical service at Baltimore City Hospitals. **This fee must be paid by all senior students** whether or not they serve during the previous summer or during the academic year.

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of \$10.00 and of a deposit on tuition of \$50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This \$60.00 deposit is not returnable and will be forfeited if the applicant fails to register, or it will be applied to the applicant's first semester's charges on registration.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. (See calendar page 5 of this bulletin for dates for the payments of fees, and the note regarding late registration fee.)

One-half of the tuition fee and all of the following—the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of \$5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office \$5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes, provides photographs for all school purposes, including state boards. It supports the activities of the Student Council. A portion (\$5) of this fee provides a year-book for each medical student.

STUDENT HEALTH SERVICE

JAMES R. KARNS, M.D.....Director, Student Health Service.

The Medical School has made provision for the systematic care of students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the director, Dr. James R. Karns, in his office on the 8th floor University Hospital at 12 m. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine. Long study hours bring out unsuspected eye defects which cause loss of time and inefficiency in study if not corrected before school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions

contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

GRADING SYSTEM

Official grades are designated by these symbols:

<i>Symbol</i>	<i>Scholarship</i>	<i>Numerical Equivalent</i>
A	Superior	93-100
B	Good	87- 92
C	Fair	80- 86
D	Passing	75- 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.

2. No student will be permitted to advance with unabsolved failures.

3. An average of C or better without failures in the years most recently completed is required for advancement to junior and senior standing and for graduation.

4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.

5. A student who has failures in two completed major subjects will be dropped from the rolls.

6. All students are required to attend 85% of scheduled classes and (excluding seniors) take spring examinations unless excused by the Dean.

7. Should a student be required to repeat any year in any course, he must pay regular fees.

8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.

9. The general fitness of a candidate for advancement and for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must provide themselves with microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp. Also, each freshman must possess a complete set of dissecting instruments.

A standard microscope made by Bausch & Lomb, Leitz, Zeiss or Spencer fitted with the following attachments, meets the requirements.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.

4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.

1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.

Oculars: 10x and 5x. Huygenian eyepieces.

Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror-plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used or odd-lot microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the Department of Microscopic Anatomy, second floor Bressler Research Laboratory, 29 S. Greene Street. See Dr. Lutz. This inspection is not made during August.

11. Students in the second year class are required to provide stethoscopes.

12. Third- and fourth-year students are required to provide themselves with haemocytometers, sphygmomanometers, ophthalmoscopes and otoscopes.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

14. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined under a cycloplegic and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

- a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.
- b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.
- c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

16. Graduates will receive the first transcript of record without charge. After the first copy has been issued single copies will cost one dollar. When two or more copies are requested at the same time the first copy will cost one dollar, additional copies fifty cents each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, 522 West Lombard Street, Baltimore-1, Maryland.

CHANGE OF ADDRESS

17. Students are required to give the Dean's Office prompt notice of change in address.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

PARKING

Because of lack of space on the university parking lots no parking facilities are provided thereon for students.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.—12:30 a.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person. Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

<i>Period elapsed after instruction begins.</i>	<i>Percentage refundable</i>
Two weeks or less.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%
After five weeks.....	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of \$25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value \$100.00 each)

A certificate of proficiency and a prize of \$100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they must be filed not later than May 15th for the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value \$100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value \$100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value \$100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value \$125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Advisory Board that he is worthy of and in need of assistance.

THE UNIVERSITY SCHOLARSHIP

A scholarship which entitles the holder to exemption from payment of tuition fee for the year, is awarded annually by the Advisory Board of the Faculty to a

student of the senior class in need of assistance who presents to the Board satisfactory evidence of good character and scholarship.

THE FEDERICA GEHRMANN SCHOLARSHIP

(Value \$200.00)

(Not open to holders of Warfield and Cohen Scholarships)

This scholarship was established by the bequest of the late Mrs. Frederica Gehrmann and is awarded to a third-year student who at the end of the second year has passed the best practical examinations in physiology, pharmacology, pathology, bacteriology, immunology, serology, surgical anatomy and neuro-anatomy.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value \$300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value \$150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value \$250.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately \$250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of \$500.00 is now available to cover two (2) scholarships in the amount of \$250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Committees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907 and a gift of Dr. Frank A. Merlino, Class 1928. Loans will be made on the basis of need, character, and scholastic ability.

THE EDWARD L. MEIERHOF LOAN FUND

This bequest was established through a grant from Dr. Edward L. Meierhof, who was graduated from the Medical School in 1881. The principal of this fund will be used as a rotating loan fund from which loans will be made to regularly enrolled students of the School of Medicine on the basis of need, character and scholastic attainment.

THE CHAS. PFIZER & CO., INC. LOAN FUND

This fund was made possible through the generosity of Chas. Pfizer & Co., Inc.

Loans are made upon the recommendation of the Scholarship and Loan Committee with the approval of the Dean.

Students are eligible for loans from this fund who furnish evidence of financial need and manifest traits of character and scholastic attainment giving promise of being physicians of high standing.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of \$100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of \$100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under fifteen departments.

1. Anaesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Bacteriology and Immunology.
4. Biological Chemistry.
5. Gynecology.
6. Medicine (including Medical Specialties).
7. Obstetrics.
8. Ophthalmology.
9. Pathology.
10. Pediatrics.
15. Pharmacology.
16. Physiology.
13. Psychiatry.
14. Roentgenology.
15. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

ANAESTHESIOLOGY

ROBERT B. DODD.....	Professor of Anaesthesiology and Head of the Department
ALFRED T. NELSON.....	Clinical Professor of Anesthesiology
PAUL R. HACKETT.....	Associate Professor of Anesthesiology
.....	Assistant Professor of Anesthesiology
.....	Associate in Anaesthesiology
JAMES RUSSO.....	Assistant in Anaesthesiology

During the pre-clinical years and the third year, the department of Anesthesiology will present a series of guest lectures. The purpose of these lectures will be to show the application of the basic science material to the clinical practice of anesthesiology. In the third year the lectures will demonstrate how the various facets of the clinical entity under discussion affect the choice of pre-anesthetic medication, the anesthetic agent and the technique to be employed.

Fourth Year. Each senior student is required to spend six hours per week for four weeks observing and administering anesthesia in the operating room at the University Hospital. During this period informal group discussions will be held to emphasize the factors affecting the management of the patient and the relation of these factors to the cases observed by the students in the operating rooms.

ANATOMY

Gross Anatomy

EDUARD UHLENHUTH.....	Professor of Anatomy and Head of the Department
VERNON E. KRAHL.....	Associate Professor of Anatomy
KARL F. MECH.....	Assistant Professor of Anatomy
ROBERT E. McCAFFERTY.....	Instructor in Anatomy
NATHAN SNYDER.....	Instructor in Anatomy of the Eye, Ear, Nose and Throat
GLADYS E. WADSWORTH.....	Instructor in Anatomy
WILLIAM E. LOECHERL.....	Medical Artist

Histology, Embryology and Neuro-Anatomy

FRANK H. J. FIGGE.....	Professor of Anatomy
O. G. HARNE.....	Associate Professor of Anatomy

JOHN F. LUTZ.....	Assistant Professor of Anatomy
GERALDINE F. WOLFE.....	Assistant in Anatomy
V. V. BRUNST.....	Research Associate in Anatomy
VERNON M. GELHAUS..	John F. B. Weaver Summer Fellow in Histology and Embryology

Surgical Anatomy

OTTO C. BRANTIGAN.....	Professor of Surgical Anatomy
W. WALLACE WALKER.....	Associate Professor of Surgical Anatomy
WILLIAM B. SETTLE.....	Assistant Professor of Surgical Anatomy
HERBERT E. REIFSCHNEIDER.....	Associate in Surgical Anatomy
HARRY C. BOWIE.....	Associate in Surgical Anatomy
ROSS Z. PIERPONT.....	Associate in Surgical Anatomy
RICHARD M. GARRETT.....	Instructor in Surgical Anatomy

GROSS ANATOMY. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 370 hours; of these 80 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krah, Mech, McCafferty and Miss Wadsworth.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

HISTOLOGY AND EMBRYOLOGY *First Year.* First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body.

An attempt will be made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis will be placed on the dynamic and functional aspects of the subject. 150 hours. Dr. Figge, Prof. Harne, Drs. Lutz and Brunst.

NEUROANATOMY. *First Year.* Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, Drs. Lutz, Browne and Kiel.

SURGICAL ANATOMY. *Second Year.* Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring out lines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

GRADUATE AND POSTGRADUATE COURSES. Consult the general catalog of the University of Maryland for descriptions of these courses.

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE.....	Associate Professor of Art as Applied to Medicine
THOMAS M. STEVENSON, JR.	Junior Instructor in Art as Applied to Medicine

RAYMOND J. CLAYTON, JR.....	Assistant in Art as Applied to Medicine
JANE L. BLEAKLEY.....	Assistant in Art as Applied to Medicine
NANCY M. BALCHUN	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. This also includes the preparation of illustrations for use in public relations, drawings, paintings, photography, cinematography, lithography and moulage. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

BACTERIOLOGY AND IMMUNOLOGY

FRANK W. HACHTEL.....	Professor of Bacteriology and Head of the Department
EDWARD STEERS.....	Associate Professor of Bacteriology
ANDREW G. SMITH.....	Assistant Professor of Bacteriology
H. EDMUND LEVIN.....	Associate in Bacteriology
MERRILL J. SNYDER.....	Instructor in Bacteriology
ELIZABETH C. HEINZ.....	Junior Instructor in Bacteriology
NORMA MARY KEIGLER.....	Bressler Reserve Fund Research Fellow in Bacteriology
ROBERT C. WOOD.....	U. S. Navy Research Fellow in Bacteriology
MARY V. REED.....	Bressler Reserve Fund Research Fellow in Bacteriology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 150.

Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOLOGICAL CHEMISTRY

EMIL G. SCHMIDT.....	Professor of Biological Chemistry and Head of the Department
EDWARD J. HERBST.....	Associate Professor of Biological Chemistry
RAYMOND E. VANDERLINDE.....	Assistant Professor of Biological Chemistry
WILLIAM H. SUMMERSON.....	Lecturer in Biological Chemistry
ANN VIRGINIA BROWN.....	Instructor in Biological Chemistry
ELEANOR B. GLINOS.....	Research Assistant in Biological Chemistry
SHIRLEY A. COX.....	Research Assistant in Biological Chemistry
GERALD KESSLER.....	Nutrition Foundation Fellow in Biological Chemistry

Each student provides his own microscope and blood counting equipment. A completely equipped locker is assigned to every student.

Total Hours: 128

Fourth Year. During the fourth year the student applies in the laboratories of the various affiliated hospitals the knowledge acquired during the preceding year. A completely equipped locker is assigned enabling him to work independent of the general laboratories. Instructors are available during certain hours to give necessary assistance and advice.

DENTISTRY

[A DIVISION OF SURGERY]

¹ BRICE M. DORSEY	Professor of Oral Surgery
¹ MYRON S. AISENBERG	Professor of Pathology
¹ JOSEPH C. BIDDIX, JR.	Professor of Oral Diagnosis
¹ KYRLE W. PREIS	Professor of Orthodontics
¹ HARRY M. ROBINSON, SR.	Professor of Dermatology
¹ GRAYSON W. GAVER	Professor of Dental Prosthesis
¹ ERNEST B. NUTTALL	Professor of Crown and Bridge
¹ KENNETH V. RANDOLPH	Professor of Operative Dentistry
¹ EDWARD C. DOBBS	Professor of Pharmacology
GEORGE H. YEAGER	Professor of Clinical Surgery
GRANT E. WARD	Associate Professor of Surgery and Oral Surgery
¹ HUGH H. HICKS	Associate Professor of Periodontology
GEORGE MCLEAN	Assistant Professor of Medicine
¹ WILBUR O. RAMSAY	Assistant Professor of Clinical Dental Prosthesis
¹ SAMUEL H. BRYANT	Instructor in Oral Diagnosis
¹ RUSSELL GIGLIOTTI	Instructor in Clinical Oral Diagnosis
¹ JOSEPH P. CAPPUCCIO	Instructor in Oral Surgery
¹ CONRAD L. INMAN	Instructor in Anesthesiology

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

DERMATOLOGY AND SYPHILOLOGY [A DIVISION OF MEDICINE]

HARRY M. ROBINSON, SR.	Professor of Dermatology
FRANCIS A. ELLIS	Associate Professor of Dermatology
HARRY M. ROBINSON, JR.	Associate Professor of Dermatology
EUGENE S. BERESTON	Assistant Professor of Dermatology
A. ALBERT SHAPIRO	Assistant Professor of Dermatology
ISRAEL ZELIGMAN	Assistant Professor of Dermatology
R. C. V. ROBINSON	Assistant Professor of Dermatology
WILLIAM R. BUNDICK	Associate in Dermatology

¹ Faculty Member, School of Dentistry.

MARK B. HOLLANDER.....	Instructor in Dermatology
MORRIS M. COHEN.....	Instructor in Dermatology
DAVID BACHARACH.....	Instructor in Dermatology
LEE R. LERMAN.....	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of conferences and demonstrations of the common skin diseases and venereal diseases in the outpatient dermatologic and syphilis clinics and on the medical wards.

GASTRO-ENTEROLOGY [A DIVISION OF MEDICINE]

WM. CARL EBELING, III.....	Associate in Medicine and Chief of Division of Gastro-Enterology
THEODORE H. MORRISON.....	Clinical Professor of Gastro-Enterology
SAMUEL MORRISON.....	Associate Professor of Gastro-Enterology
MAURICE FELDMAN.....	Assistant Professor of Gastro-Enterology
ZACHARIAH MORGAN.....	Assistant Professor of Gastro-Enterology
FRANCIS G. DICKEY.....	Associate in Medicine
Z. VANCE HOOPER.....	Associate in Gastro-Enterology
ALBERT J. SHOCHAT.....	Instructor in Gastro-Enterology
PHILIP D. FLYNN.....	Instructor in Medicine

Third Year. A series of six lectures is given on the diseases of the digestive tract.

Fourth Year. Students attend the gastro-intestinal clinic for two periods weekly for five weeks, and consultation rounds on gastro-intestinal cases on the Medical wards. Practical instruction is given in the use of modern methods of study of the diseases of the gastro-intestinal tract.

GYNECOLOGY

J. MASON HUNDLEY, JR.....	Professor of Gynecology, and Head of the Department
LEO BRADY.....	Assistant Professor of Gynecology
EDWARD P. SMITH.....	Assistant Professor of Gynecology
WILLIAM K. DIEHL.....	Assistant Professor of Gynecology
EVERETT S. DIGGS.....	Assistant Professor of Gynecology
BEVERLEY C. COMPTON.....	Assistant Professor of Gynecology
ERNEST I. CORNBROOKS, JR.....	Assistant Professor of Gynecology
J. J. ERWIN.....	Associate in Gynecology
FRANK K. MORRIS.....	Associate in Gynecology
GERALD A. GALVIN.....	Associate in Gynecology
JOHN T. HIBBITTS.....	Associate in Gynecology
KENNETH B. BOYD.....	Associate in Gynecology
THEODORE KARDASH.....	Instructor in Gynecology
CHARLES B. MAREK.....	Instructor in Gynecology
THOMAS S. BOWYER.....	Instructor in Gynecology
W. ALLEN DECKERT.....	Instructor in Gynecology
HELEN I. MAGINNIS.....	Instructor in Gynecology
CHARLES H. DOELLER, JR.....	Instructor in Gynecology

WILLIAM A. DODD.....	Instructor in Gynecology
HARRY MCB. BECK.....	Instructor in Gynecology
WILLIAM C. DUFFY.....	Instructor in Gynecology
JOSEPH C. SHEEHAN.....	Instructor in Gynecology
WILLIAM J. RYSANEK.....	Instructor in Gynecology
HARRY F. KANE.....	Instructor in Gynecology
ROBERT B. TUNNEY.....	Instructor in Gynecology
JAMES H. SHELL, JR.....	Assistant in Gynecology
WILLIAM F. PETERSON.....	Assistant in Gynecology
THOMAS A. STEBBINS.....	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology
AMY LEE WELLS.....	Research Assistant in Gynecological Pathology

Third Year. A comprehensive course of 30 lectures in the field of gynecology, female urology, and female oncology is given to the entire class.

Fourth Year. An intensive course is given to small groups of students throughout the year, during which time the students are assigned exclusively to this department. The course consists of instructions including lectures, seminars, ward rounds, and operative clinics. In addition, two special instruction periods are given in pathology at which time a review of the pathological material seen at operation is made with especial reference to the pathology of malignant disease. The students are assigned patients on the gynecological wards, and also work in the gynecological, cystoscopy and oncology, out-patient departments each day.

Third year.....	30 hours
Fourth year.....	75 hours
Total:.....	105 hours

HISTORY OF MEDICINE

LOUIS A. M. KRAUSE..... Professor of Clinical Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

HYGIENE AND PUBLIC HEALTH [A DIVISION OF MEDICINE]

HUNTINGTON WILLIAMS..... Professor of Hygiene and Public Health
 WILLIAM H. F. WARTHEN..... Associate Professor of Hygiene and Public Health
 ROSS DAVIES..... Associate Professor of Hygiene and Public Health
 MATTHEW L. TABACK..... Assistant Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The

lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at the Western Health District Building of the City Health Department, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

BIOSTATISTICS

First Year. A series of 15 one hour lectures is given to the whole class during the Second Semester dealing with the basic methods of statistical analysis and demonstration of their use in several areas of medical investigation.

Instruction is designed to assist the medical student in evaluating quantitative aspects of medical information.

INDUSTRIAL MEDICINE AND SURGERY [A DIVISION OF SURGERY]

CHARLES A. REIFSCNEIDER Clinical Professor of Traumatic Surgery
THURSTON R. ADAMS Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

LEGAL MEDICINE [A DIVISION OF MEDICINE]

RUSSELL S. FISHER Professor and Head of the Division of Legal Medicine
HENRY C. FREIMUTH Assistant Professor of Legal Medicine
WILLIAM V. LOVITT, JR. Assistant Professor of Legal Medicine
WILLIAM J. MCCLAFFERTY Associate in Legal Medicine
RICHARD LINDENBERG Associate in Legal Medicine
JOSEPH A. JACHIMCZYK Instructor in Legal Medicine
M. JOSEPH REHAK Research Assistant in Legal Medicine
ELLA FREYTAG Research Assistant in Legal Medicine
BELLA R. HEARST Research Fellow in Medicolegal Pathology

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medicolegal autopsy. (12 hours.)

Elective Course (summer). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

MEDICINE

MAURICE C. PINCOFFS.....	Professor of Medicine and Head of the Department
T. NELSON CAREY.....	Professor of Clinical Medicine
THOMAS P. SPRUNT.....	Professor of Clinical Medicine
H. RAYMOND PETERS.....	Professor of Clinical Medicine
LOUIS A. M. KRAUSE.....	Professor of Clinical Medicine
WILLIAM S. LOVE, JR.....	Professor of Clinical Medicine
THOMAS C. WOLFF.....	Associate Professor of Medicine
HOWARD M. BUBERT.....	Associate Professor of Medicine
J. SHELDON EASTLAND.....	Associate Professor of Medicine
MILTON S. SACKS.....	Associate Professor of Medicine
LEWIS P. GUNDRY.....	Associate Professor of Medicine
SAMUEL MORRISON.....	Associate Professor of Medicine
THEODORE E. WOODWARD.....	Associate Professor of Medicine
HENRY J. L. MARRIOTT.....	Associate Professor of Medicine
H. VERNON LANGELOTTIG.....	Associate Professor of Medicine
EDWARD F. COTTER.....	Associate Professor of Medicine
EPHRAIM T. LISANSKY.....	Associate Professor of Medicine
SAMUEL T. R. REVELL, JR.....	Associate Professor of Medicine
WILLIAM H. SMITH.....	Associate Professor of Clinical Medicine
GEORGE MCLEAN.....	Assistant Professor of Medicine
WETHERBEE FORT.....	Assistant Professor of Medicine
FRANK J. GERAGHTY.....	Assistant Professor of Medicine
SOL SMITH.....	Assistant Professor of Medicine
C. EDWARD LEACH.....	Assistant Professor of Medicine
ROBERT A. REITER.....	Assistant Professor of Medicine
SIDNEY SCHERLIS.....	Assistant Professor of Medicine
JAMES R. KARNS.....	Assistant Professor of Medicine
ROBERT T. PARKER.....	Assistant Professor of Medicine
MERRILL J. SNYDER.....	Assistant Professor of Medicine in Clinical Bacteriology
MARIE A. ANDERSCH.....	Assistant Professor of Biochemistry in Medicine
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
ROBERT E. BAUER.....	Assistant Professor of Medicine
MEYER W. JACOBSON.....	Assistant Professor of Medicine
CHARLES F. BRAMBLE.....	Assistant Professor of Medicine
S. EDWIN MULLER.....	Assistant Professor of Medicine
LAURENCE M. SERRA.....	Assistant Professor of Medicine
W. GRAFTON HERSPBERGER.....	Associate in Medicine
CONRAD B. ACTON.....	Associate in Medicine
FRANCIS G. DICKEY.....	Associate in Medicine

HARRY M. ROBINSON, JR.	Associate in Medicine
WILLIAM K. WALLER	Associate in Medicine
ARTHUR KARFGIN	Associate in Medicine
M. PAUL BYERLY	Associate in Medicine
HENRY W. D. HOLLJES	Associate in Medicine
KURT LEVY	Associate in Medicine
WILFRED H. TOWNSHEND	Associate in Medicine
ALVIN J. HARTZ	Associate in Medicine
LOUIS V. BLUM	Associate in Medicine
LEON ASHMAN	Associate in Medicine
DANIEL WILFSON, JR.	Associate in Medicine
JONAS COHEN	Associate in Medicine
WALTER KARFGIN	Associate in Medicine
IRVING FREEMAN	Associate in Medicine
J. EMMET QUEEN	Associate in Medicine
JOHN B. DEHOFF	Associate in Medicine
WILLIAM C. EBELING, III	Associate in Medicine
JOSEPH B. WORKMAN	Associate in Medicine
JOSEPH FURNARI	Associate in Medicine
STEPHEN J. VAN LILL, III	Associate in Medicine
LEONARD SCHERLIS	Associate in Medicine
RICHARD A. CAREY	Associate in Medicine
PERRY O. FUTTERMAN	Associate in Medicine
WILLIAM F. COX, III	Associate in Medicine
DONALD W. MINTZER	Associate in Medicine
PHILIP D. FLYNN	Instructor in Medicine
JOHN A. MYERS	Instructor in Medicine
WILLIAM G. HELFRICH	Instructor in Medicine
JOSEPH E. MUSE	Instructor in Medicine
WILLIAM H. KAMMER, JR.	Instructor in Medicine
SAMUEL J. HANKIN	Instructor in Medicine
FREDERICK J. VOLLMER	Instructor in Medicine
JOHN R. DAVIS	Instructor in Medicine
L. ANN HELLEN	Instructor in Medicine
AUDREY M. FUNK	Instructor in Medicine
LEON A. KOCHMAN	Instructor in Medicine
C. HERMAN WILLIAMS	Instructor in Medicine
JEROME SHERMAN	Instructor in Medicine
ELIZABETH D. SHERRILL	Instructor in Medicine
BERNARD BURGIN	Instructor in Medicine
LAURISTON L. KEOWN	Instructor in Medicine
FRANKLIN E. LESLIE	Instructor in Medicine
PHILIP D. FLYNN	Instructor in Medicine
STUART D. SUNDAY	Instructor in Medicine
IRVIN B. KEMICK	Instructor in Medicine
MAURICE FELDMAN, JR.	Instructor in Medicine
JAMES J. NOLAN	Instructor in Medicine
CHARLES E. SHAW	Instructor in Medicine
JOSEPH G. BIRD	Instructor in Medicine
STANLEY MILLER	Instructor in Medicine
JOHN C. OSBORNE	Instructor in Medicine
EDWARD S. KALLINS	Instructor in Medicine

JOSEPH C. MATCHAR.....	Instructor in Medicine
MARVIN GOLDSTEIN.....	Instructor in Medicine
ROLLIN C. HUDSON.....	Assistant in Medicine
RAYMOND M. LAUER.....	Assistant in Medicine
BURTON V. LOCK.....	Assistant in Medicine
CARL F. MYERS.....	Assistant in Medicine
JACK WEXLER.....	Assistant in Medicine
JOSEPH C. MYERS.....	Assistant in Medicine
THOMAS WORSLEY.....	Assistant in Medicine
HERBERT J. LEVICKAS.....	Assistant in Medicine
JOSEPH C. BLAZEK.....	Assistant in Medicine
STEPHEN L. MAGNESS.....	Assistant in Medicine
STANLEY R. STEINBACH.....	Assistant in Medicine
EDMUND P. COFFAY, SR.....	Assistant in Medicine
WILLIAM G. ESMOND.....	Baltimore Rh Typing Laboratory Fellow in Medicine
ALICE M. BAND.....	Baltimore Rh Typing Laboratory Fellow in Medicine
FRANCIS J. BORGES.....	Fellow in Medicine
SZE-JUI LIU.....	Fellow in Medicine
KYLE W. SWISHER, JR.....	Part-Time Fellow in Medicine
JOSEPH B. BRONUSHAS.....	Part-Time Fellow in Medicine
JOSEPH C. FITZGERALD.....	Part-Time Fellow in Medicine
HARRY D. PERRY JR.....	Part-Time Fellow in Medicine
AUBREY RICHARDSON.....	Part-Time Fellow in Medicine
AWILDA GAY.....	Research Assistant in Medicine

SECOND YEAR

Introduction to clinical medicine.

- (a) Introductory physical diagnosis. (1 hour a week, first semester; 2 hours a week, second semester.)
- (b) Medical clinics. (1 hour a week, second semester.)

THIRD YEAR

- I. The methods of examination: (a) History taking. (b) Physical diagnosis. (c) Clinical pathology.
Instruction includes lectures and practice in the wards, outpatient department and laboratory.
- II. The principles of medicine:
 - (a) Lectures, clinics and demonstrations in general medicine, neurology, and preventive medicine.
 Third Year Teaching of physical diagnosis is carried out chiefly in the various units of the City Hospital.

FOURTH YEAR

The practice of medicine:

- I. Clinical clerkship on the medical wards (31 hours a week for ten weeks).
 - (a) Responsibility, under supervision, for the history, physical examination, laboratory examinations and progress notes of assigned cases.
 - (b) Ward classes, ward rounds and conferences in general medicine, the medical specialties, and therapeutics.
- II. Out-Patient Department work in the medical specialties.
- III. Clinical-pathological conferences (1 hour a week).

The medical out-patient department of the University Hospital is utilized for teaching in the third year. Each student spends two hours daily for ten weeks in out-patient department work. The work is done in groups of four to six students under an instructor. Systematic history-taking is especially stressed. Physical findings are demonstrated. The student becomes familiar with the commoner acute and chronic disease processes.

Clinical clerkships in the Fourth Year are served on the medical wards of both the University and Mercy Hospitals.

NEUROLOGICAL SURGERY [A DIVISION OF SURGERY]

JAMES G. ARNOLD, JR.

Professor of Neurological Surgery, Acting Head of the Department

RICHARD G. COBLENTZ..... Professor of Clinical Neurological Surgery

JOHN A. WAGNER..... Associate Professor of Pathology and Neuropathology

RAYMOND K. THOMPSON..... Assistant Professor of Neurological Surgery

ROBERT OSTER

Associate in Electro-physiology, and Director of the Hoffberger Electroencephalographic Laboratory

FRANK J. OTENASEK..... Instructor in Neurological Surgery

JOHN W. CHAMBERS..... Instructor in Neurological Surgery

ROBERT M. N. CROSBY..... Instructor in Neurological Surgery

WILLIAM H. MOSSBERG, JR..... Instructor in Neurological Surgery

AUGUST KIEL, JR..... Assistant in Neurological Surgery

JAMES S. BROWNE..... Assistant in Neurological Surgery

JOHN O. SHARRETT..... Fellow in Neurological Surgery

Third Year. This course comprises lectures and demonstrations in the fundamentals of neurological surgery. Total hours, twelve.

Fourth Year. Weekly ward rounds at the University and Mercy Hospitals. Total hours, sixteen.

Dispensary Instruction. A small number of students may apply for instruction in the neurological out-patient department.

NEUROLOGY [A DIVISION OF MEDICINE]

LEON FREEDOM..... Associate Professor of Neurology

PHILIP F. LERNER..... Assistant Professor of Neurology

HARRY TEITELBAUM..... Assistant Professor of Neurology

GEORGE G. MERRILL..... Assistant Professor of Neurology

WILLIAM L. FEARING..... Associate in Neurology

EDWARD F. COTTER..... Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups

carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. Fourth year students in the Medical section attend neurological consultation rounds on ward patients in the University and Mercy Hospitals. All patients presented at these clinics are carefully examined.

Dispensary Instructions. Small sections are instructed in the neurological dispensary of the Mercy Hospital five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

OBSTETRICS

LOUIS H. DOUGLASS.....	Professor of Obstetrics and Head of the Department
J. MORRIS REESE.....	Associate Professor of Obstetrics
D. FRANK KALTREIDER.....	Associate Professor of Obstetrics
ISADORE A. SIEGEL.....	Associate Professor of Obstetrics
JOHN E. SAVAGE.....	Assistant Professor of Obstetrics
HUGH B. McNALLY.....	Assistant Professor of Obstetrics
MARGARET B. BALLARD.....	Associate in Obstetrics
D. McCLELLAND DIXON.....	Associate in Obstetrics
OSBORNE C. CHRISTENSEN.....	Associate in Obstetrics
J. TYLER BAKER.....	Associate in Obstetrics
J. HUFF MORRISON.....	Associate in Obstetrics
GEORGE H. DAVIS.....	Instructor in Obstetrics
J. KING B. E. SEEGAR.....	Instructor in Obstetrics
LOUIS C. GAREIS.....	Instructor in Obstetrics
KENNETH B. BOYD.....	Assistant in Obstetrics
W. KENNETH MANSFIELD, JR.....	Assistant in Obstetrics
CHARLES H. DOELLER, JR.....	Assistant in Obstetrics
THEODORE KARDASH.....	Assistant in Obstetrics
HARRY MCB. BECK.....	Assistant in Obstetrics
WILLIAM A. DODD.....	Assistant in Obstetrics
IRVIN P. KLEMKOWSKI.....	Assistant in Obstetrics
CLARENCE W. MARTIN.....	Assistant in Obstetrics
VERNON C. KELLEY.....	Assistant in Obstetrics
HARRY COHEN.....	Assistant in Obstetrics
THOMAS C. WEBSTER.....	Assistant in Obstetrics
VINCENT DEP. FITZPATRICK.....	Assistant in Obstetrics
ERNEST SCHER.....	Assistant in Obstetrics
JAMES H. SHELL, JR.....	Assistant in Obstetrics
F. X. PAUL TINKER.....	Assistant in Obstetrics
DANIEL EHRLICH.....	Assistant in Obstetrics
WILLIAM D. GENTRY.....	Assistant in Obstetrics
DONALD B. CAMPBELL.....	Assistant in Obstetrics

Second Year: During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Dr. J. M. Reese.

Third Year: Lectures and recitations consist of 2 hours teaching weekly and are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Douglass, Reese, Siegel, Savage, Dixon and Kaltreider.

Each student is required to spend 4 days on the obstetrical service of the Baltimore City Hospitals during his junior year. Here he acts as a junior intern, observing, assisting and finally delivering normal cases under supervision. Each student attends a total of about 25 deliveries, in the majority of which he takes an active part.

Each student receives, as a member of a small group, 10 hours of instruction in palpating patients, in the clinical evaluation of the pelvis and in demonstrations of the mechanism of labor. Drs. Siegel and McNally.

Operative work on the obstetrical mannikin is an organized part of the course. Each student receives 15 hours of this type of instruction. Dr. Siegel and assistants.

Fourth Year: The instruction is entirely clinical. The "block system" is used. One-sixteenth of the class is assigned to obstetrics only for a period of 2 weeks. Students live at the University Hospital during this time and are on call 24 hours a day. They receive formal class instruction, are required to attend all rounds and staff conferences and are present at the majority of the deliveries as observers, assistants or as accoucheurs. In this way each student will actively participate in about 11 deliveries.

Each student spends 20 hours in the prenatal and postnatal clinics, where instructions in these fields are given.

Students assigned to obstetrics are required to attend the monthly meetings of The Committee on Maternal Mortality of Baltimore, where all maternal deaths occurring in this city are presented and discussed.

Second year— 16 hours

Third year—148 hours

Fourth year—106 hours

Total —270 hours

ONCOLOGY [A DIVISION OF GYNECOLOGY AND SURGERY]

J. MASON HUNDLEY, JR.	Professor of Gynecology
BEVERLEY C. COMPTON.	Assistant Professor of Gynecology
WILLIAM K. DIEHL	Assistant Professor of Gynecology
EVERETT S. DIGGS.	Assistant Professor of Gynecology
ERNEST I. CORNBROOKS, JR.	Assistant Professor of Gynecology
ARTHUR G. SIWINSKI.	Assistant Professor of Surgery
EDWIN H. STEWART	Associate in Surgery
JOHN M. DENNIS.	Associate in Radiology
J. DUER MOORES.	Instructor in Surgery
LOUIS F. GOODMAN	Instructor in Surgery
GERARDO B. POLANCO.	National Cancer Institute Trainee in Pathology
E. EUGENE COVINGTON.	Assistant Radiologist
THOMAS A. STEBBINS.	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the biophysical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Siwinski and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	<i>Oncology</i>	<i>Gynecology</i>	<i>Total</i>
Third year.....	5 hours	6 hours	11 hours
Fourth year.....	12 hours	16 hours	28 hours
Total.....	17 hours	22 hours	39 hours

OPHTHALMOLOGY

F. EDWIN KNOWLES, JR.

Assistant Professor of Ophthalmology and Chairman of the Department

JOSEPH I. KEMLER.....	Associate in Ophthalmology
A. KREMEN.....	Associate in Ophthalmology
RUBY A. SMITH.....	Instructor in Ophthalmology
D. J. MCHENRY.....	Instructor in Ophthalmology
J. E. BRUMBACK.....	Instructor in Ophthalmology
RICHARD J. CROSS.....	Instructor in Ophthalmology
ANGELINA GUIDO.....	Assistant in Ophthalmology
JOHN C. OZAZEWSKI.....	Assistant in Ophthalmology
JAHRAM ARATOON.....	Assistant in Ophthalmology

Third Year. Second semester. Dr. Ozazewski reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital by Dr. Kremen.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, twice weekly, for one year. Dr. Knowles.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Knowles, Smith, Brumback and Ozazewski. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract and glaucoma. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Drs. Knowles, Kemler, Kremen, Smith, Brumback, Jeppi, Pacienza and Ozazewski.

Third year.....	20 hours
Fourth year.....	41 hours
Total.....	61 hours

ORTHOPAEDICS

[A DIVISION OF SURGERY]

ALLEN FISKE VOSHELL.....	Professor of Orthopaedic Surgery
HARRY L. ROGERS.....	Clinical Professor of Orthopaedic Surgery
MOSES GELLMAN.....	Associate Professor of Orthopaedic Surgery
HENRY F. ULLRICH.....	Associate Professor of Orthopaedic Surgery
MILTON J. WILDER.....	Assistant Professor in Orthopaedic Surgery
I. H. MASERITZ.....	Associate in Orthopaedic Surgery
JASON H. GASKEL.....	Instructor in Orthopaedic Surgery
ISAAC GUTMAN.....	Instructor in Orthopaedic Surgery
JAMES P. MILLER.....	Instructor in Orthopaedic Surgery
EVERETT D. JONES.....	Assistant in Orthopaedic Surgery
ROBERT C. ABRAMS.....	Assistant in Orthopaedic Surgery
JOHN J. TANSEY.....	Assistant in Orthopaedic Surgery

Didactic instruction is given in the second, third and fourth years. Clinical, bedside and outpatient instruction is given at the University, Mercy Hospitals and their Outpatient Departments, Kernan Hospital for Crippled Children, and Baltimore City Hospitals. Brief discussions and demonstrations of physical and occupational therapy are included in the course.

Second year.....	19 hours
Third year.....	36 hours
Fourth year.....	90 hours
Total.....	145 hours

OTOLARYNGOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....	Professor of Otolaryngology
FREDERICK T. KYPER.....	Associate Professor of Otolaryngology
BENJAMIN S. RICH.....	Associate Professor of Otolaryngology

FAYNE A. KAYSER.....	Associate Professor of Otolaryngology
SAMUEL L. FOX.....	Associate Professor of Otolaryngology
W. RAYMOND MCKENZIE.....	Assistant Professor of Otolaryngology
THEODORE A. SCHWARTZ.....	Assistant Professor of Otolaryngology
BENJAMINE H. ISAACS.....	Assistant Professor of Otolaryngology
ROBERT Z. BERRY.....	Associate in Otolaryngology
ARTHUR WARD.....	Associate in Otolaryngology
RICHARD J. CROSS.....	Instructor in Otolaryngology
JOHN H. HIRSCHFIELD.....	Instructor in Otolaryngology
JOHN M. REHBERGER.....	Assistant in Otolaryngology
HARRY P. PORTER.....	Assistant in Otolaryngology
JAMES J. GERLACH.....	Assistant in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks.

Fourth Year. Out-Patient department instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M.

The Mercy Hospital Bronchoscopic Clinic affords ample opportunities in bronchoscopy and esophagoscopy. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year.....	9 hours
Fourth year.....	53 hours
Total.....	62 hours

OTOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....	Professor of Otolaryngology
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The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourke and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is

urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourke and associates.

Third year.....	12 hours
Fourth year.....	40 hours
Total.....	52 hours

PATHOLOGY

HUGH R. SPENCER.....	Professor of Pathology and Head of the Department
ROBERT B. WRIGHT.....	Associate Professor of Pathology
C. GARDNER WARNER.....	Associate Professor of Pathology
WALTER C. MERKEL.....	Associate Professor of Pathology
DEXTER L. REIMANN.....	Associate Professor of Pathology
JOHN A. WAGNER.....	Associate Professor of Pathology
ALBERT E. GOLDSTEIN.....	Assistant Professor of Pathology
MILTON S. SACKS.....	Associate in Pathology
BENEDICT SKITARELIC.....	Associate in Pathology
CONRAD B. ACTON.....	Instructor in Pathology
HOWARD B. MAYS.....	Instructor in Pathology
EPHRAIM T. LISANSKY.....	Instructor in Pathology
WILLIAM B. VANDEGRIFT.....	Instructor in Pathology
WILLIAM J. BRYSON.....	Instructor in Pathology
KARL F. MECH.....	Instructor in Pathology
SEYMOUR W. RUBIN.....	Instructor in Pathology
THEODORE KARDASH.....	Instructor in Pathology
LOUIS C. GAREIS.....	Instructor in Pathology
ROY B. TURNER.....	Instructor in Pathology
EDWARD L. J. KREIG.....	Instructor in Pathology
JAMES H. RAMSEY.....	Instructor in Pathology
JAMES R. KARNS.....	Instructor in Pathology
RAYMOND M. CUNNINGHAM.....	Instructor in Pathology
HARRY COHEN.....	Assistant in Pathology
GERARDO B. POLANCO.....	National Cancer Institute Trainee
URSULA T. SLAGER.....	Hickcock Fellow in Neuropathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

GENERAL PATHOLOGY. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

APPLIED PATHOLOGY, INCLUDING GROSS MORBID ANATOMY AND MORBID PHYSIOLOGY. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

AUTOPSIES. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

CLINICAL-PATHOLOGICAL CONFERENCE. (*Fourth Year.*) These exercises are held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year	184 hours
Third year	160 hours
Fourth year	30 hours
Total.....	374 hours

PEDIATRICS

J. EDMUND BRADLEY.....	Professor of Pediatrics and Head of the Department
C. LORING JOSLIN.....	Professor of Pediatrics
A. H. FINKELSTEIN.....	Associate Professor of Pediatrics
FREDERICK B. SMITH.....	Associate Professor of Pediatrics
GORDON E. GIBBS.....	Associate Professor Clinical Pediatric Research
ALBERT JAFFE.....	Associate Clinical Professor of Pediatrics
SAMUEL S. GLICK.....	Assistant Professor of Pediatrics
JEROME FINEMAN.....	Assistant Professor of Pediatrics
GIBSON J. WELLS.....	Assistant Professor of Pediatrics
WILLIAM M. SEABOLD.....	Assistant Professor of Pediatrics
ANNIE M. BESTEBREURTEJE.....	Assistant Professor of Pediatrics
CLEWELL HOWELL.....	Associate in Pediatrics
G. BOWERS MANSDORFER.....	Associate in Pediatrics
SIDNEY SCHERLIS.....	Associate in Pediatrics
MELCHIJAH SPRAGINS.....	Associate in Pediatrics
JOHN L. PECK.....	Lecturer in Pediatrics
ARNOLD F. LAVENSTEIN.....	Instructor in Pediatrics
MARY L. HAYLECK.....	Instructor in Pediatrics
ISRAEL P. MERANSKI.....	Instructor in Pediatrics
THOMAS A. CHRISTENSEN.....	Instructor in Pediatrics
JOSEPH M. CORDI.....	Instructor in Pediatrics
LEONARD SCHERLIS.....	Instructor in Pediatrics
LESTER H. CAPLAN.....	Instructor in Pediatrics
RUTH BALDWIN.....	Instructor in Pediatrics
EDWARD G. FIELD.....	Instructor in Pediatrics
MELVIN M. BORDEN.....	Instructor in Pediatrics
HOWARD GOODMAN.....	Instructor in Pediatrics
ROBERT M. N. CROSBY.....	Instructor in Pediatrics
WILLIAM EARL WEEKS.....	Assistant in Pediatrics
J. CARLTON WICH.....	Assistant in Pediatrics
O. WALTER SPURRIER.....	Assistant in Pediatrics
GARRETT E. DEANE.....	Assistant in Pediatrics
ARNOLD TRAMER.....	Assistant in Pediatrics
MARY B. MATTHEWS.....	Assistant in Pediatrics
MIRIAM S. DALY.....	Assistant in Pediatrics
P. GOVINDA MENON.....	Fellow in Pediatrics
DAVID FREEDENBERG.....	Bressler Reserve Fund Research Assistant in Pediatrics
ALBERT M. POWELL, JR.....	Research Assistant in Pediatrics
MARTIN K. GORTEN.....	Research Assistant in Pediatrics

Third Year. 1. Principles of Pediatrics: Physiology of newborn, growth and development, nutrition, problems of the premature infant and diseases of newborn are presented in lectures and demonstrations (20 hours).

2. Physical examination of the infant and child plus history taking and diagnosis are taught on the pediatric wards of the University Hospital (20 hours).

Fourth Year. Students are assigned in groups of twelve for a four-week period. Responsibility is given the student for history, physical examination, laboratory examinations and progress notes on pediatric patients of the University and Mercy Hospital pediatric divisions. Examination of neonates and follow-up care of patients in the development clinical is required daily.

Daily attendance in the Pediatric Out Patient Clinics is spent in interrogation, examination, diagnosis and treatment of patients.

Students alternate nights on the Pediatric service, and at this time, sleeping accommodations are provided them in the hospital.

Students spend one day of their four weeks in the offices of selected practicing pediatricians. During this time, they observe office management, techniques and problems of patients seen in private pediatric practice.

Conferences are held daily, Monday through Friday at 12:30 p.m. On Saturday the students present a clinico-pathologic conference at which time the students act as clinician and pathologist with faculty representatives of the Departments of Pathology and Pediatrics as moderators.

PHARMACOLOGY

JOHN C. KRANTZ, JR.	Professor of Pharmacology and Head of the Department
C. JELLEFF CARR	Professor of Pharmacology
RAYMOND M. BURGISON	Assistant Professor of Pharmacology
RUTH MUSSER	Instructor in Pharmacology
JOSEPH G. BIRD	Assistant in Pharmacology
AMEDEO S. MARRAZZI	Lecturer in Pharmacology
JOSEPH M. WHITE, III	Lecturer in Pharmacology
WILLIAM G. HARNE	Demonstrator in Pharmacology
FREDERICK K. BELL	Fellow in Pharmacology
LEONARD S. BRAHEN	Fellow in Pharmacology
JOHNSON S. L. LING	Eli Lilly Fellow in Pharmacology
MARY FRANCES BRADYHOUSE	Fellow in Pharmacology
JANE WRAY FORREST	Emerson Fellow in Pharmacology
HARRY F. WILSON, JR.	Fellow in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PHYSICAL DIAGNOSIS [A DIVISION OF MEDICINE]

T. CONRAD WOLFF

Associate Professor of Medicine, and Head of the Division of Physical Diagnosis	
ROBERT A. REITER.....	Assistant Professor of Medicine
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
DANIEL WILFSON.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
JOHN B. DEHOFF.....	Associate in Medicine
STEPHEN J. VAN LILL.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Instructor in Medicine
LEON A. KOCHMAN.....	Instructor in Medicine
STUART D. SUNDAY.....	Instructor in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine
BERNARD BURGIN.....	Instructor in Medicine
FRANKLIN LESLIE.....	Instructor in Medicine
LAURISTON KEOWN.....	Instructor in Medicine
JOSEPH C. MATCHAR.....	Instructor in Medicine
CARL F. MYERS.....	Assistant in Medicine

The course in physical diagnosis starts with the first semester of the Sophomore year and ends with the termination of the second semester of the Junior year.

First Semester—Second Year—Lecture, one hour weekly covering the technique of history writing and the mechanics of the physical signs elicited in the normal person through inspection, palpation, percussion and auscultation.

Second Semester—Second Year—Lecture, one hour weekly, covering the technique of history writing in cases involving disease, and the mechanics of pathological physical signs on inspection, palpation, percussion and auscultation.

In the third and fourth quarters small tutorial groups are formed, each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter for one afternoon weekly. In the fourth quarter the students become acquainted with abnormal signs through examination of hospital patients.

Third Year—a. The class is divided into four sections. Each section receives bedside instruction in physical diagnosis for seven weeks (2 hrs. daily). For this purpose small groups under an instructor are formed. The instruction is carried on in the Baltimore City Hospitals but in addition advantage is occasionally taken of the clinical opportunities in other institutions.

b. Lecture course (1 hr. weekly for 15 weeks) covering the mechanisms of abnormal signs.

PHYSIOLOGY

WILLIAM R. AMBERSON.....	Professor of Physiology and Head of the Department
DIETRICH C. SMITH.....	Professor of Physiology
FREDERICK P. FERGUSON.....	Associate Professor of Physiology
JOHN I. WHITE.....	Assistant Professor of Physiology
J. HENRY WILLS.....	Lecturer in Physiology
SAMUEL L. FOX.....	Instructor in Physiology

SYLVIA HIMMELFARB.....	Instructor in Physiology
JEANNE ANN BARRY.....	Junior Instructor in Physiology
ALFRED JOSEPH PRATT.....	John F. B. Weaver Fellow in Physiology
BRIGITTE E. BLANKENHORN.....	Research Fellow in Physiology
CAROLYN F. HENDRICKSON.....	Bressler Reserve Fund Research Assistant in Physiology

The course in physiology is given in two parts:

First Year. Second Semester. The course opens with introductory lectures on nerve-muscle physiology covering the peripheral nerves. Attention is then given to the physiology of the heart and circulation. The lectures are accompanied by demonstrations, but there is no laboratory work. Two lectures a week are given.

Second Year. First Semester. The course continues with four lectures, one conference and two laboratory periods a week. The subjects considered are respiration and metabolism, digestion, renal function, and endocrines and reproduction. The course ends with a series of lectures on the central nervous system and the special senses.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PLASTIC SURGERY

[A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
CLARENCE P. SCARBOROUGH.....	Associate in Plastic Surgery
JOHN J. ANGELO.....	Assistant in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Out-Patient department instruction is provided on Mondays and Fridays.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

PROCTOLOGY

[A DIVISION OF SURGERY]

MONTÉ EDWARDS.....	Professor of Proctology
THEURSTON R. ADAMS.....	Assistant Professor of Proctology
SIMON H. BRAGER.....	Assistant Professor of Proctology
WILLIAM T. SUPIK.....	Associate in Proctology
DONALD B. HEBB.....	Instructor in Proctology
RAYMOND M. CUNNINGHAM.....	Instructor in Proctology
JOHN D. ROSIN.....	Instructor in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Brager and Supik. University Hospital—Drs. Monte Edwards, Adams, Cunningham and Rosin.

Third year.....	7 hours
Fourth year.....	16 hours
Total.....	<u>23 hours</u>

PSYCHIATRY

✓JACOB E. FINESINGER.....	Professor of Psychiatry and Head of the Department
✓JOHN R. REID.....	Professor of Philosophy in Psychiatry
✓MAURICE H. GREENHILL.....	Associate Professor of Psychiatry
✓H. WHITMAN NEWELL.....	Associate Professor of Psychiatry
GEORGE F. SUTHERLAND.....	Associate Professor of Psychiatry
MANFRED S. GUTTMACHER.....	Associate Clinical Professor of Psychiatry
HARRY M. MURDOCK.....	Assistant Professor of Psychiatry
HANS W. LOEWALD.....	Assistant Professor of Psychiatry
WILLIAM W. ELGIN.....	Assistant Professor of Psychiatry
J. G. N. CUSHING.....	Assistant Professor of Psychiatry
KATHRYN L. SCHULTZ.....	Assistant Professor of Psychiatry
✓ROBERT G. GRENNELL.....	Assistant Professor of Psychiatric Research
ISADORE TUERK.....	Associate in Psychiatry
EPHRAIM T. LISANSKY.....	Associate in Psychiatry
✓ELIZABETH LAForge.....	Associate in Psychiatric Social Work
A. RUSSELL ANDERSON.....	Instructor in Psychiatry
✓KLAUS W. BERBLINGER.....	Instructor in Psychiatry
✓ENOCH CALLAWAY, JR.....	Instructor in Psychiatry
MARION W. MATHEWS.....	Instructor in Psychiatry
FRANCIS J. McLAUGHLIN.....	Instructor in Psychiatry
SAMUEL NOVEY.....	Instructor in Psychiatry
VIRGINIA SUTTENFIELD.....	Instructor in Psychiatry
KENT E. ROBINSON.....	Instructor in Psychiatry
JEROME STYRT.....	Instructor in Psychiatry
WILLIAM W. MAGRUDER.....	Instructor in Psychiatry
✓MARJORIE R. FLEITZER.....	Instructor in Psychiatric Social Work
✓SARAH V. HUFFER.....	Assistant in Psychiatry
✓JOHN H. YOUNG.....	Assistant in Psychiatry
ERNEST C. YOUNG.....	Assistant in Clinical Psychiatry
✓MARCELLA WEISMAN.....	Assistant in Psychiatric Social Work
JOSEPHINE L. DOUGHTON.....	Assistant in Psychiatric Social Work
HELEN L. GUEST.....	Assistant in Psychiatric Social Work
✓JOHN W. POWELL.....	Research Associate in Psychiatry
BETTY JANE FAX.....	Research Associate in Psychiatry
✓LESTER M. LIBO.....	Research Associate in Medical Psychology
✓MORITZ MICHAELIS.....	Research Associate in Psychiatry
✓RUTH PAGE EDWARDS.....	Fellow in Medical Psychology
MARVIN JAFFE.....	Fellow in Psychiatry

FRANK R. HOLTER.....	Fellow in Psychiatry
JACK MENDELSON.....	Fellow in Psychiatry
✓ARTHUR H. SCHMALE, JR.....	Fellow in Psychosomatic Medicine
✓EDWIN L. POOLE.....	Research Assistant in Psychiatry
✓FLORIS DE BALBIAN VERSTER.....	Research Assistant in Psychiatry
EDNA L. BARRABEE.....	Research Assistant in Psychiatry
FLORENCE M. BURNETT.....	Research Assistant in Psychiatry
✓MARION C. GLASS.....	Research Assistant in Psychiatry
DORIS H. MARKLEY.....	Research Assistant in Psychiatry
✓JUNE H. MENDELSON.....	Research Assistant in Psychiatry
✓BARBARA T. STEWART.....	Research Assistant in Psychiatry
✓ARTHUR B. SILVERSTEIN.....	Research Assistant in Psychiatry

First Year. Fourteen two-hour periods during the second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Fourteen two-hour periods are spent in the first semester in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

ROENTGENOLOGY

WALTER L. KILBY.....	Professor of Roentgenology, and Head of the Department
CHARLES N. DAVIDSON.....	Associate Professor of Roentgenology
JOHN DeCARLO, JR.....	Assistant Professor of Roentgenology
DONALD J. BARNETT.....	Assistant Professor of Roentgenology
EDWARD R. DANA.....	Associate in Roentgenology
JOHN M. DENNIS.....	Associate in Radiology
HERBERT B. COPELAND.....	Instructor in Roentgenology
HERBERT L. WARRES.....	Instructor in Roentgenology
ROBERT W. SWAIN.....	Consultant in Radiologic Physics, Cancer Teaching Program

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year.....	8 hours
Fourth year.....	<u>24</u> hours
Total	32 hours

SPEECH TRAINING CLINIC [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
RAY EHRENSBERGER.....	Professor of Speech
MERLE ANSBERRY	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

SURGERY

CHARLES REID EDWARDS.....	Professor of Surgery, and Acting Head of the Department
WALTER D. WISE	Professor of Surgery
ELLIOTT H. HUTCHINS.....	Professor of Surgery
D. J. PESSAGNO	Professor of Clinical Surgery
F. L. JENNINGS.....	Professor of Clinical Surgery
GEORGE H. YEAGER.....	Professor of Clinical Surgery
MONTE EDWARDS.....	Clinical Professor of Surgery
OTTO C. BRANTIGAN.....	Professor of Clinical Surgery
HARRY C. HULL.....	Professor of Clinical Surgery
JAMES W. NELSON.....	Professor of Clinical Surgery
R. RIDGEWAY TRIMBLE.....	Professor of Clinical Surgery
CHARLES A. REIFSCHNEIDER.....	Clinical Professor of Traumatic Surgery
THOMAS R. CHAMBERS.....	Associate Professor of Surgery
EDWARD S. JOHNSON.....	Associate Professor of Surgery

CYRUS F. HORINE.....	Associate Professor of Surgery
CHARLES W. MAXSON.....	Associate Professor of Surgery
C. W. PEAKE.....	Associate Professor of Surgery
WILLIAM F. REINHOF, JR.....	Associate Professor of Surgery
W. WALLACE WALKER.....	Associate Professor of Surgery and Surgical Anatomy
H. F. BONGARDT.....	Assistant Professor of Surgery
I. O. RIDGELY.....	Assistant Professor of Surgery
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
SIMON H. BRAGER.....	Assistant Professor of Surgery and Proctology
THURSTON R. ADAMS.....	Assistant Professor of Surgery
HARRY C. BOWIE.....	Assistant Professor of Surgery
RAYMOND F. HELFRICH.....	Associate in Surgery
WILLIAM B. SETTLE.....	Associate in Surgery
GEORGE GOVATOS.....	Associate in Surgery
JOSEPH V. JERARDI.....	Associate in Surgery
HERBERT E. REIFSCHNEIDER.....	Associate in Surgery
HAROLD H. BURNS.....	Associate in Surgery
WILLIAM L. GARLICK.....	Associate in Surgery
PATRICK C. PHELAN.....	Associate in Surgery
EDWIN H. STEWART, JR.....	Associate in Surgery
R. ADAMS COWLEY.....	Associate in Thoracic Surgery and Assistant Director Experimental Surgery
E. RODERICK SHIPLEY.....	Associate in Surgery
ROBERT C. SHEPPARD.....	Associate in Surgery
F. FORD LOKER.....	Associate in Surgery
KARL F. MECH.....	Associate in Surgery
JOSEPH M. MILLER.....	Associate in Surgery
J. DUER MOORES.....	Instructor in Surgery
CALVIN HYMAN.....	Instructor in Surgery
CLYDE F. KARNS.....	Instructor in Surgery
DANIEL R. ROBINSON.....	Instructor in Surgery
GEORGE H. BROUILLET.....	Instructor in Surgery
JOHN F. SCHAEFER.....	Instructor in Surgery
ROBERT F. HEALY.....	Instructor in Surgery
SAMUEL E. PROCTOR.....	Instructor in Surgery
LOUIS E. GOODMAN.....	Instructor in Surgery
HAROLD L. ZUPNIK.....	Instructor in Surgery
MICHAEL L. DEVINCENTES.....	Instructor in Surgery
WILLIAM R. GERAGHTY.....	Assistant in Surgery
HOWARD B. McELWAIN.....	Assistant in Surgery
A. V. BUCHNESS.....	Assistant in Surgery
T. J. TOUHEY.....	Assistant in Surgery
SAMUEL H. CULVER.....	Assistant in Surgery
L. T. CHANCE.....	Assistant in Surgery
W. ALLEN DECKERT.....	Assistant in Surgery
WILLIAM C. DUNNIGAN.....	Assistant in Surgery
RAYMOND M. CUNNINGHAM.....	Assistant in Surgery
JOHN W. CHAMBERS.....	Assistant in Surgery
ROSS Z. PIERPONT.....	Assistant in Surgery
JAMES N. CIANOS.....	Assistant in Surgery
RICHARD M. GARRETT.....	Assistant in Surgery

WILLIAM D. LYNN.....	Assistant in Surgery
DAVID R. WILL.....	Assistant in Surgery
HAROLD P. BIEHL.....	Assistant in Surgery
KIRK MOORE.....	Assistant in Surgery
WILLIAM B. REVER, JR.....	Assistant in Surgery
LEONARD G. HAMBERRY.....	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the Out-Patient departments, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

TOPOGRAPHIC AND SURGICAL ANATOMY. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Garrett.

Total hours: 96.

PRINCIPLES OF SURGERY. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

GENERAL AND REGIONAL SURGERY. Lectures, recitations and clinics are given on the principles of surgery and general surgery including fractures and dislocations. Three hours a week to the whole class. Dr. Hull.

The class is divided into groups. Instruction in history-taking and surgical pathology is given under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at B.C.H. by Drs. Bowie, Koontz, Brantigan, Adams and Garrett. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

OPERATIVE SURGERY. Lectures and operative demonstrations are given under

the supervision of Dr. Yeager assisted by Dr. Govatos. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

SURGICAL OUT-PATIENT DEPARTMENT. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

CLINICS. Surgical pathological Conference. A weekly conference is conducted at the University Hospital for the entire class. Daily ward classes at University and Mercy Hospitals, and half day ward work under the supervision of Dr. E. R. Shipley at University and Dr. Patrick C. Phelan, Mercy Hospital.

SURGERY OF THE CHEST:—Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

TRAUMATIC SURGERY. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

CLINICAL CLERKSHIP. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Hutchins, Pessagno, Nelson, Trimble, Brager, Jerardi, Garlick and Loker. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

THORACIC SURGERY [A DIVISION OF SURGERY]

OTTO C. BRANTIGAN.....	Professor of Thoracic Surgery
WILLIAM L. GARLICK.....	Associate Professor of Thoracic Surgery
R. ADAMS COWLEY.....	Associate in Thoracic Surgery
DONALD B. HEBB.....	Assistant in Thoracic Surgery
CALVIN Y. HADIDIAN.....	Resident in Thoracic Surgery
GEORGE SCHIMERT.....	Fellow in Thoracic Surgery

Men having completed three years of American Board of Surgery training are eligible for appointment. The first year is spent in thoracic research surgery. The second year is in clinical thoracic surgery at Baltimore City, Mercy and University Hospitals.

TROPICAL MEDICINE [A DIVISION OF MEDICINE]

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class

TUBERCULOSIS

[A DIVISION OF MEDICINE]

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

UROLOGY

[A DIVISION OF SURGERY]

W. HOUSTON TOULSON.....	Professor of Urology
KENNETH D. LEGGE.....	Professor of Clinical Urology
HOWARD B. MAYS.....	Assistant Professor of Urology
FRANCIS W. GILLIS.....	Assistant Professor of Urology
JOHN F. HOGAN.....	Assistant Professor of Urology
JOHN S. HAINES.....	Assistant Professor of Urology
AUSTIN H. WOOD.....	Associate in Urology
LYLE J. MILLAN.....	Associate in Urology
L. K. FARGO.....	Associate in Urology
HUGH J. JEWETT.....	Associate in Urology
MARTIN A. ROBBINS.....	Associate in Urology
JOHN D. YOUNG, JR.....	Associate in Urology
JOHN H. MENNING.....	Instructor in Urology

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course includes explanations and demonstrations of urethroscopy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student is placed on his own responsibility in arriving at a diagnosis. These Out-Patient Department classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year.....	6 hours
Fourth year.....	39 hours
Total.....	45 hours

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S.....*Director of Libraries and Professor of Library Science*

IDA MARIAN ROBINSON, A.B., B.S.L.S.....*Librarian and Associate Professor of Library Science*

HILDA E. MOORE, A.B., A.B.L.S.....*Associate Librarian*

FLORENCE R. KIRK.....*Assistant Librarian*

MARIE HARVIN, B.A., B.S.L.S.....*Cataloguer*

FRITZI J. FARLEY.....*Library Assistant*

MARY B. LOWBER, A.B.....*Assistant to the Librarian*

PATRICIA C. WATKINS.....*Assistant to Cataloguer*

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. HUBERT, *Chairman and Director*DIETRICH C. SMITH, *Assistant Director and 1st Vice-chairman*L. A. M. KRAUSE, *2nd Vice-chairman*

J. EDMUND BRADLEY

OTTO C. BRANTIGAN

GEORGE H. BUCK

WILLIAM K. DIEHL

FRANK H. J. FIGGE

WETHERBEE FORT

JOHN C. KRANTZ, JR.

J. MORRIS REESE

MILTON S. SACKS

ALLEN F. VOSHELL

JOHN A. WAGNER

ELIZABETH CARROLL, *Executive Secretary*The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered from September 17 to June 5th.

The Postgraduate Committee presented for the Maryland Academy of General Practice a closed circuit television show at University Hospital. Another telecast of this type is planned for the autumn of 1953. The program will originate at University Hospital. Remote presentation will be provided locally for the Baltimore City Medical Society at the Medical and Chirurgical Faculty Building, and for the Delaware Academy of General Practice via Wilmington, Delaware.

The weekly television show, "Live and Help Live", which was discontinued during the summer, will be resumed in September.

A series of eight lectures on Cardiology will be presented in Wilmington to the Delaware Academy of General Practice. These lectures will begin in mid-September.

A program to assist the Provident Hospital in the training of its house staffs has been instituted jointly by the University of Maryland and the Johns Hopkins University Schools of Medicine. Affiliation between the University Hospital and The Lutheran Hospital of Maryland, Inc. is in progress.

The following intramural postgraduate courses have been continued.

GENERAL ANATOMY: The course is designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition arranged according to course content and duration.

ANATOMY OF HEAD AND NECK as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition \$75.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

SURGICAL ANATOMY: The course is designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition \$150.00.

PATHOLOGY: This course is designed to prepare candidates for certification in surgery, surgical specialties and internal medicine. Individuals will receive training in autopsy and surgical pathology. Minimum duration is full time, six months. Tuition \$150.00.

NEURO-PATHOLOGY: This course is designed to aid in meeting the requirements of the specialty boards in neurological sciences and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition \$200.00 plus \$10.00 laboratory fee.

GYNECOLOGY AND OBSTETRICS: This is a review for general practitioners. Students attend lectures, ward rounds and clinics, and observe operations and deliveries. Full time for twelve weeks. Tuition \$150.00.

GYNECOLOGY, ONCOLOGY AND FEMALE UROLOGY: This is a review designed primarily for the general practitioner. Students attend lectures, ward rounds and clinics and observe operations. Full time for ten weeks. Tuition \$125.00.

BASIC SCIENCES AS THEY APPLY TO THE PRACTICE OF MEDICINE. This course is designed to familiarize students with the advances in basic sciences during recent years. The course consists of 32 periods of 2 hours each, once a week between October and June. Tuition \$50.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Post Graduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams	Richard M. Garrett	Herbert E. Reifschneider
Marie A. Andersch	Albert E. Goldstein	Dexter L. Reimann
James G. Arnold, Jr.	Lewis P. Gundry	Henry L. Rigdon
Robert E. Bauer	Frank W. Hachtel	Harry M. Robinson, Jr
Joseph G. Bird	Jerome Hartz	Harry M. Robinson, Sr.
Harry C. Bowie	Charles W. Hawkins	Raymond C. V. Robinson
J. Edmund Bradley	Nathan B. Herman	Milton S. Sacks
Otto C. Brantigan	Harry C. Hull	John E. Savage
George H. Brouillet	J. Mason Hundley, Jr.	Sidney Scherlis
Howard M. Bubert	D. Frank Kaltreider	Emil G. Schmidt
Raymond M. Burgison	Theodore Kardash	William B. Settle
T. Nelson Carey	F. Edwin Knowles, Jr.	Dietrich C. Smith
C. Jelleff Carr	Vernon E. Krah	George W. Smith
Robert Chenowith	John C. Krantz, Jr.	Merrill Snyder
Ernest I. Cornbrooks, Jr.	L. A. M. Krause	Nathan Snyder
Edward F. Cotter	Arnold F. Lavenstein	Hugh R. Spencer
Richard J. Cross, Jr.	C. Edward Leach	Melchijah Spragins
John DeCarlo, Jr.	Ephraim T. Lisansky	Edwin H. Stewart, Jr.
Francis G. Dickey	William S. Love, Jr.	Harry A. Teitelbaum
William K. Diehl	Wm. V. Lovitt, Jr.	W. Houston Toulson
Everett S. Diggs	Fred R. McCrumb	Eduard Uhlenhuth
D. McClelland Dixon	Hugh B. McNally	Henry F. Ullrich
Louis H. Douglass	Howard B. Mays	Allen Fiske Voshell
J. Sheldon Eastland	Samuel Morrison	John A. Wagner
Charles Reid Edwards	H. Whitman Newell	Wallace Walker
Monte Edwards	Robert H. Oster	Milton J. Wilder
William L. Fearing	Frank J. Otenasek	Walter D. Wise
Frederick P. Ferguson	Robert T. Parker	Henry L. Wollenweber
Frank H. J. Figge	Ross Z. Pierpont	Theodore E. Woodward
Jacob E. Finesinger	Maurice C. Pincoffs	Robert B. Wright
A. H. Finkelstein	J. Morris Reese	George H. Yeager
Russel S. Fisher		

FIRST SEMESTER, SEPTEMBER 17, 1953 TO JANUARY 23, 1954

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler</i>		Orientation 9:00-10:00 1st 3 Lectures <i>A. H.</i> Anatomy 10:00-12:00 1st 3 Sessions After Oct. 7 Anatomy 9:00-12:00 <i>1st Floor Br. Lab.</i>	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler</i>		Gross Anatomy <i>A. H.</i>
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lecture <i>A. H.</i> 1:00 to 2:00 Daily. Laboratory Bressler 1, 2:00 to 5:00 Daily					

* Course ends December 18, 1953.

SECOND SEMESTER, JANUARY 25 TO JUNE 5, 1954

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B A.H.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A A.H.	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B A.H.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A A.H.	Introduction to Medicine A.H.	
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 2.00	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	
2.00 to 3.00	Neuro- Physiology <i>Bressler 2</i>	Neuro- Anatomy Lecture	Biol. Chem. Conference <i>Adm. 1</i>	Neuro- Anatomy Lecture	Biol. Chem. Conference <i>Adm. 1</i>	
3.00 to 4.00		and Laboratory	Biostatistics <i>C. H.</i>	and Laboratory	Neuro- Physiology <i>Bressler 2</i>	
4.00 to 5.00		<i>Bressler 2nd Floor</i>		<i>Bressler 2nd Floor</i>		

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.

Bressler Research Laboratory—29 S. Greene Street

Gross Anatomy—First Floor

Histology and Embryology—Second Floor

Neuro-anatomy—Second Floor

Mid-Year Examinations—January 18-23, 1954

Final Examinations—Begin May 24, 1954

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 17, 1953 TO JANUARY 23, 1954

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.30	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Medicine <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Clinical Pathology Soph. & Jr. 8:00-9:00 <i>C. H.</i>
9.30 to 10.30	Physiology Conference <i>Bressler 2</i>	Bacteriology <i>Adm. 1</i>	Bacteriology <i>Adm. 1</i>	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis 10:45-11:45 <i>C. H.</i>	
12.30	Lunch					Correlative Medicine 9:00-12:00 <i>P. I. 171</i>
1.00 to 5.00	Pharmacology Lecture <i>Bressler 2</i> <i>Sect. B.</i> <i>Sect. A.</i> 1:00-2:00		Clinical Pathology Laboratory 1:00-4:00 <i>Bressler 5</i>	Pharmacology Laboratory <i>3rd Floor Bressler</i> <i>Sect. B.</i> <i>Sect. A.</i> 1:00-4:00		
	Physiology Laboratory <i>4th Floor Bressler</i> <i>Sect. A.</i> <i>Sect. B.</i> 1:00-5:00			Physiology Laboratory <i>4th Floor Bressler</i> <i>Sect. A.</i> <i>Sect. B.</i> 1:00-5:00		

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 25 TO JUNE 5, 1954

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8.30 to 9.30	Surgery <i>Bressler 2</i>	Surgery <i>Bressler 2</i>	Surgical Anatomy <i>Adm. 1</i>	Orthopaedics <i>Adm. 1</i>	Obstetrics <i>Amp.</i>	Clinical Pathology Soph. & Jr. 8:00-9:00 <i>C. H.</i>	
9.30 to 10.30	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	Surgical Anatomy Laboratory <i>Bressler 1</i>	Gynecology <i>Adm. 1</i>	Pharmacology <i>Bressler 2</i>		
10.30 to 11.30	Pathology <i>C. H.</i>	Pathology <i>C. H.</i>		Pathology <i>Adm. 1</i>	Pathology <i>C. H.</i>		
11.30	Lunch					Physical Diagnosis 9:00-12:00 <i>C. H.</i>	
12.00 to 2.00	Pathology Laboratory	Pathology Laboratory	Immunology 12:00-1:00 <i>C. H.</i>	Pathology Laboratory	Pathology Laboratory		
2.00 to 3.00	Surgical Anatomy <i>Adm. 1</i>	Immunology Laboratory	Clinical Pathology 1:00-4:00 <i>Bressler 5</i>	Pharmacology Laboratory <i>Sect. A</i>	Pharmacology Laboratory <i>Sect. B</i>		
3.00 to 5.00	Surgical Anatomy Laboratory <i>Bressler 1</i>				Physical Diagnosis <i>Sect. B</i> (3:00-5:00) <i>U. H. D.</i>		Physical Diagnosis <i>Sect. A</i> (3:00-5:00) <i>U. H. D.</i>

‡ Immunology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.

U. H. D.—University Hospital Out-Patient Department, Old Hospital Building,

P. I.—Psychiatric Institute.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.

Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 18-23, 1954

Final Examinations—Begin May 24, 1954

THIRD YEAR SCHEDULE

SEPTEMBER 17, 1953 TO JUNE 5, 1954

CLASS DIVISIONS*

Division 1	Division 2	Division 3	Division 4†
Medicine	Surgery	The Specialties	Clinical Clerkships
Legal Medicine	Operative Surgery	Obstetrics	Neurology
Industrial Medicine	Neurosurgery	Pathology	Pathology
Public Health	Otolaryngology	Clinical Pathology	Roentgenology
Neurology	Otology	Psychiatry	Orthopaedics
	Ophthalmoscopy	Pediatrics	
	Pathology		
	Clinical Pathology		

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
September 17, 1953 to November 14, 1953 (8 weeks)	January 31, 1954 to March 27, 1954 (8 weeks)
Groups 1 and 2 Division 1	Groups 1 and 2 Division 3
Groups 3 and 4 Division 2	Groups 3 and 4 Division 4
Groups 5 and 6 Division 3	Groups 5 and 6 Division 1
Groups 7 and 8 Division 4	Groups 7 and 8 Division 2
2nd Quarter	4th Quarter
November 15, 1953 to January 30, 1954 (8 weeks)	March 28, 1954 to May 29, 1954 (8 weeks)
Groups 1 and 2 Division 2	Groups 1 and 2 Division 4
Groups 3 and 4 Division 3	Groups 3 and 4 Division 1
Groups 5 and 6 Division 4	Groups 5 and 6 Division 2
Groups 7 and 8 Division 1	Groups 7 and 8 Division 3

* The Curriculum is arranged into 4 divisions, and the class into 8 groups. The entire class assembles daily (except Sunday) for lectures at 8:00 and at 9:00 a.m. in Chemical Hall after which students assigned to Division 4 transfer to B.C.H. Divisions 1, 2, and 3 remain at University Hospital.

† Students of Division 4 spend 8 weeks at Baltimore City Hospitals. All students assigned to Division 4 at Baltimore City Hospitals must complete the first 4 weeks of work as assigned. During the second 4-week period, however, a limited number of students (not to exceed 12) may elect instead to take psychiatry at University Hospital. On Mondays, Tuesdays and Thursdays students assigned to Division 4 at Baltimore City Hospitals return to the Medical School for classes at 2:00 p.m.

4-week Periods:

September 17-October 17
October 18 -November 14
November 15-December 19
January 4 -January 30

January 31 -February 27
February 28-March 27
March 28 -May 1
May 2 -May 29

FOURTH YEAR SCHEDULE

SEPTEMBER 17, 1953 TO MAY 18, 1954

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks)	Pediatrics (4 weeks)	Surgery and Surgical Specialties (8 weeks)	Obstetrics (2 weeks)
—	—	—	—
Neurology	Psychiatry (4 weeks)	Urology	Gynecology
Cardiology	—	Neuro Surgery	Oncology
Gastro-Enterology	—	Otology, Rhinology and	(2 weeks)
Metabolism	—	Laryngology	—
Allergy	—	Orthopaedics	Dermatology & Syphilology
—	—	—	Oncology
Roentgenology	—	Roentgenology	Ophthalmology
—	—	—	Anesthesiology
—	—	—	(4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
Sept. 17, 1953 to Nov. 11, 1953 (8 weeks)	Jan. 25, 1954 to March 19, 1954 (8 weeks)
Groups 1, 2, 3, 4 to Division 1†	Groups 1, 2, 3, 4 to Division 3†
Groups 5, 6, 7, 8 to Division 2	Groups 5, 6, 7, 8 to Division 4
Groups 9, 10, 11, 12 to Division 3†	Groups 9, 10, 11, 12 to Division 1†
Groups 13, 14, 15, 16 to Division 4	Groups 13, 14, 15, 16, to Division 2
2nd Quarter	4th Quarter
Nov. 12, 1953 to Jan. 23, 1954 (8 weeks)	March 20, 1954 to May 18, 1954 (8 weeks)
Groups 1, 2, 3, 4 to Division 2	Groups 1, 2, 3, 4 to Division 4
Groups 5, 6, 7, 8 to Division 3†	Groups 5, 6, 7, 8 to Division 1†
Groups 9, 10, 11, 12 to Division 4	Groups 9, 10, 11, 12 to Division 2
Groups 13, 14, 15, 16 to Division 1†	Groups 13, 14, 15, 16 to Division 3†

*The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups of students assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks. Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 6, 1953

ARP, LOUIS CROFT, JR., A.B.	Illinois
BALDWIN, RICHARD MOFFETT, B.S.	
	Maryland
BANKS, JAMES LEROY, JR., B.S.	
	South Carolina
BASTIAN, GRACE ARLENE, B.S.	Maryland
BECK, GEORGE HENRY, A.B.	Maryland
BERKELEY, SCOTT BRUCE, JR., A.B.	
	North Carolina
BERKOW, ROBERT, B.S.	Maryland
BLUMENFELD, SAMUEL, A.B.	Maryland
BOGGS, JAMES ERNEST, A.B.	West Virginia
BOVE, JOSEPH RICHARD, B.S.	New Jersey
BRINKLEY, GEORGE ROSS, JR., A.B.	
	West Virginia
BULLUCK, DAVID ERNEST, JR., B.S.	
	North Carolina
BURKART, THOMAS JOSEPH, B.S.	Ohio
BYERLY, WALTER HOUCK, B.A.	Maryland
BYRNES, BERNARD JOSEPH, JR., B.S.	
	Maryland
CARROLL, CHARLES FISHER, JR., B.S.	
	North Carolina
CARTER, DONALD SWEETSER	Maryland
CLIFT, JOHN VINTON, B.S.	Maryland
CODINGTON, JOHN BONNELL, B.S.	
	North Carolina
COHEN, JEROME, B.S.	Maryland
COLON-LUGO, SALOMON	Puerto Rico
DOERNER, WYAND FRANCIS, JR., B.S.	
	Maryland
DOWELL, ROWLAND JUDSON	Utah
DUMLER, JOHN DONALD, B.S.	Maryland
EDLOW, JULES BERNARD, B.S.	Maryland
EYE, HARRY LUKE, A.B.	West Virginia
FIROR, HUGH VALENTINE	Georgia
FLAX, LEONARD HAROLD, B.S.	Maryland
FRIEMAN, SYLVAN, B.S.	Maryland
GARLOCK, FREDERICK ADAMS, B.S.	
	Maryland
GARRISON, JOSEPH SHERMER, III, B.A.	
	Maryland
GEVAS, GEORGE, B.S.	Ohio
GILLOTTE, JOSEPH PATRICK, B.S.	
	Connecticut
GLICK, LEONARD BARRY, B.S.	Maryland
HARTMAN, JOHN MCMASTER, B.A.	
	West Virginia
HEISSE, JOHN WILBUR, JR., B.A.	
	Maryland
HENSON, KENNETH CLIFFORD, B.S.	
	Maryland
HERBERT, THOMAS FRANKLYN	Maryland
HESS, CHARLES FRANKLIN, A.B.	
	Pennsylvania
HIMMELWRIGHT, GEORGE OVERTON, B.S.	
	Maryland
HOLDER, WILLIAM LEWIS, A.B.	Georgia
HUNTLEY, EARL STUART, JR., B.A.	Florida
JONES, HENRY ALBERT, JR.	Maryland
JONES, THOMAS LAWSON, B.S.	Maryland
JUDGE, WALTER FRANCIS, B.S.	
	New Jersey
KAESE, WERNER ERICH, B.S.	
	Pennsylvania
KARN, WILLIAM NICHOLAS, JR.	Maryland
KINGSBURY, ROBERT COBURN, B.S.	
	Maryland
KISER, WILLIAM SITES, B.S.	
	West Virginia
KNIGHT, ARTHUR CLYDE	Montana
LAMBERT, ROBERT YOUNG, A.B.	
	South Carolina
LANGRALL, HARRISON MORTON, JR., B.A.	
	Maryland
LEE, BENJAMIN BUCK, B.A.	Maryland
LEIGHTON, HERBERT HOUCK	Maryland
LEVINE, ROBERT LEE, B.S.	Maryland
LONGO-CORDERO, RAFAEL	Puerto Rico
MADGE, GORDON EVANS	Maryland
McCRACKEN, JESSE WILLIAM, B.S.	
	North Carolina
McFADDEN, ARCHIBALD WEEMS, B.S.	
	Maryland
MENDELSON, RONALD EDWARD, B.S.	
	Maryland
METCALF, JOHN WILLIAM, JR., B.S.	Ohio
MIDDLETON, BENJAMIN MARTIN, B.S.	
	Maryland
MIGHT, JAMES EDWARD, B.A.	Ohio
MILES, LESLIE ROY, JR., A.B.	
	Pennsylvania
MILLER, GEORGE HENRY, B.S.	Maryland
MILLER, NORMAN LOUIS, B.S.	Maryland
PALMISANO, JOSEPH FRANK, B.S.	
	Maryland
PECK, GEORGE CHARLES, B.S.	Florida
POWDER, JAMES RICHARD, B.A.	Maryland
QUINN, CORBETT LATIMER, B.A.	
	North Carolina
READ, JAMES LAMAR, B.S.	Maryland
RICHARDSON, JOE BERNAL, A.B.	Georgia
RICHMOND, LEWIS CASS, JR.	
	West Virginia
ROWE, JAMES EARLE, JR., B.S.	
	Maryland
SCHINDLER, RICHARD ELIAS, B.S.	
	Maryland
SHUMAN, JOSEPH ELLYN, B.S.	Maryland
SINGLETON, ROBERT TIFFANY, B.S.	
	Maryland
SKAGGS, THOMAS WAYNE, B.S.	Florida
SLASMAN, WILLIAM HOWRY, JR., B.A.	
	Maryland

SMITH, WILLIAM MEREDITH, JR., B.S.	VANCE, ARNOLD LEONARD, B.S.
Maryland	Maryland
SPUDIS, EDWARD VERHINES, B.S.	WALTER, HERBERT GUY, JR., ...
Washington, D. C.	Nevada
TEMPLETON, WILLIAM PENDLETON, B.S.	WATSON, JACK THOMAS, B.S.
Maryland	West Virginia
TREIBER, MARTIN WILLIAMS, B.S.	WEAVER, KARL HANNA, ...
Maryland	West Virginia
TROXEL, JAMES ROY, B.A., ...	WEBSTER, JOEL STOOPS, B.S., ...
Maryland	Maryland
TYSON, WILLIAM ALVA WAY, B.S.	WEEKS, HARRY STEPHEN, JR., A.B.
Maryland	West Virginia
	WEINER, ISRAEL HOWARD, A.B.
	Maryland

HONORS

UNIVERSITY PRIZE GOLD MEDAL

RONALD EDWARD MENDELSON

CERTIFICATE OF HONOR

GRACE^T ARLENE BASTIAN
R. JUDSON DOWELL

JOSEPH PATRICK GILLOTTE
WILLIAM SITES KISER

HERBERT GUY WALTER, JR.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

LEONARD HAROLD FLAX

THE DR. WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE OF
PROFICIENCY

JACK THOMAS WATSON

THE DR. LEONARD M. HUMMEL MEMORIAL MEDAL AND CERTIFICATE OF
PROFICIENCY

JAMES LEROY BANKS, JR.

INTERNSHIPS—GRADUATES OF JUNE 6, 1953

July 1, 1953—June 30, 1954

ARP, LOUIS CROFT, JR., ...	St. Luke's Hospital, Chicago, Illinois
BALDWIN, RICHARD MOFFETT, ...	Charity Hospital of Louisiana, New Orleans, La.
BANKS, JAMES LEROY, JR., ...	Greenville General Hospital, Greenville, S. Car.
BASTIAN, GRACE ARLENE, ...	St. Luke's Hospital, Bethlehem, Pennsylvania
BECK, GEORGE HENRY, ...	Mercy Hospital, Baltimore, Maryland
BERKELEY, SCOTT BRUCE, JR., ...	Cooper Hospital, Camden, New Jersey
BERKOW, ROBERT, ...	The Mount Sinai Hospital, New York, N. Y.
BLUMENFELD, SAMUEL, ...	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
BOGGS, JAMES ERNEST, ...	St. Mary's Hospital, Huntington, West Virginia
BOVE, JOSEPH RICHARD, ...	University Hospital, Baltimore, Maryland
BRINKLEY, GEORGE ROSS, JR., ...	University Hospital, Baltimore, Maryland
BULLUCK, DAVID ERNEST, JR., ...	Cooper Hospital, Camden, New Jersey
BURKART, THOMAS JOSEPH, ...	U. S. Public Health Service Hospital, Baltimore, Md.
BYERLY, WALTER HOUCK, ...	University Hospital, Baltimore, Md.
BYRNES, BERNARD JOSEPH, JR., ...	Bon Secours Hospital, Baltimore, Md.
CARROLL, CHARLES FISHER, JR., ...	Mercy Hospital, Baltimore, Md.

CARTER, DONALD SWEETSER.....	Mercy Hospital, Baltimore, Md.
CLIFT, JOHN VINTON.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
CODINGTON, JOHN BONNELL.....	University Hospital, Baltimore, Md.
COHEN, JEROME.....	Gallinger Municipal Hospital, Washington, D. C.
COLON-LUGO, SALOMON.....	St. Agnes Hospital, Baltimore, Md.
DOERNER, WYAND FRANCIS, JR.....	University Hospital, Baltimore, Md.
DOWELL, R. JUDSON	San Francisco Hospital, University of California, San Francisco, California
DUMLER, JOHN DONALD.....	St. Agnes Hospital, Baltimore, Md.
EDLOW, JULES BERNARD.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
EYE, HARRY LUKE.....	University Hospital, Ann Arbor, Michigan
FIROR, HUGH VALENTINE.....	University Hospital, Ann Arbor, Michigan
FLAX, LEONARD HAROLD.....	Mercy Hospital, Baltimore, Md.
FRIEMAN, SYLVAN.....	Gallinger Municipal Hospital, Washington, D. C.
GARLOCK, FREDERICK ADAMS.....	U. S. Naval Hospital, Great Lakes, Illinois
GARRISON, JOSEPH SHERMER, III.....	U. S. Naval Hospital, Portsmouth, Virginia
GEVAS, GEORGE.....	Bon Secours Hospital, Baltimore, Maryland
GILLOTTE, JOSEPH PATRICK.....	U. S. Public Health Service Hospital, Baltimore, Md.
GLICK, LEONARD BARRY.....	Charity Hospital of Louisiana, New Orleans, La.
HARTMAN, JOHN MCMASTER.....	U. S. Naval Hospital, San Diego, California
HEISSE, JOHN WILBUR, JR.....	Mercy Hospital, Baltimore, Maryland
HENSON, KENNETH CLIFFORD.....	The Washington County Hospital, Hagerstown, Md.
HERBERT, THOMAS FRANKLYN.....	St. Agnes Hospital, Baltimore, Md.
HESS, CHARLES FRANKLIN.....	St. Joseph's Hospital, Lancaster, Pa.
HIMMELWRIGHT, GEORGE OVERTON.....	St. Agnes Hospital, Baltimore, Md.
HOLDER, WILLIAM LEWIS.....	Jackson Memorial Hospital, Miami, Florida
HUNTLEY, EARL STUART, JR.....	Jackson Memorial Hospital, Miami, Florida
JONES, HENRY ALBERT.....	Gallinger Municipal Hospital, Washington, D. C.
JONES, THOMAS LAWSON.....	Mercy Hospital, Baltimore, Md.
JUDGE, WALTER FRANCIS.....	U. S. Naval Hospital, Philadelphia, Pa.
KAESE, WERNER ERICH.....	Lancaster General Hospital, Lancaster, Pa.
KARN, WILLIAM NICHOLAS, JR.....	Bon Secours Hospital, Baltimore, Md.
KINGSBURY, ROBERT COBURN.....	U. S. Naval Hospital, Philadelphia, Pa.
KISER, WILLIAM SITES.....	University Hospital, Baltimore, Md.
KNIGHT, ARTHUR CLYDE.....	Bon Secours Hospital, Baltimore, Md.
LAMBERT, ROBERT YOUNG.....	Lenox Hill Hospital, New York, N. Y.
LANGRALL, HARRISON MORTON, JR.....	Winchester Memorial Hospital, Winchester, Virginia
LEE, BENJAMIN BUCK.....	St. Agnes Hospital, Baltimore, Md.
LEIGHTON, HERBERT HOUCK.....	University Hospital, Baltimore, Md.
LEVINE, ROBERT LEE.....	Bon Secours Hospital, Baltimore, Md.
LONGO-CORDERO, RAFAEL.....	University Hospital, Baltimore, Md.
MADGE, GORDON EVANS	
MCCRACKEN, JESSE WILLIAM.....	Charlotte Memorial Hospital, Charlotte, North Car.
McFADDEN, ARCHIBALD WEEMS.....	Walter Reed General Hospital, Washington, D. C.
MENDELSON, RONALD EDWARD.....	U. S. Naval Hospital, San Diego, California
METCALF, JOHN WILLIAM, JR.....	U. S. Naval Hospital, San Diego, California
MIDDLETON, BENJAMIN MARTIN.....	St. Agnes Hospital, Baltimore, Md.
MIGHT, JAMES EDWARD.....	Youngstown Hospital Association, Youngstown, Ohio
MILES, LESLIE ROY, JR.....	Winchester Memorial Hospital, Winchester, Virginia
MILLER, GEORGE HENRY.....	Mercy Hospital, Baltimore, Md.
MILLER, NORMAN LOUIS.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.

PALMISANO, JOSEPH FRANK.....	Mercy Hospital, Baltimore, Md.
PECK, GEORGE CHARLES.....	Kings County Hospital, Brooklyn, New York
POWDER, JAMES RICHARD.....	Winchester Memorial Hospital, Winchester, Virginia
QUINN, CORBETT LATIMER.....	Mercy Hospital, Baltimore, Md.
READ, JAMES LAMAR.....	University Hospital, Baltimore, Md.
RICHARDSON, JOSEPH BERNAL.....	Charity Hospital of Louisiana, New Orleans, La.
RICHMOND, LEWIS CASS, JR.....	University Hospital, Baltimore, Md.
ROWE, JAMES EARLE, JR.....	St. Agnes Hospital, Baltimore, Md.
SCHINDLER, RICHARD ELIAS.....	Mercy Hospital, Baltimore, Md.
SHUMAN, JOSEPH ELLYN.....	Gallinger Municipal Hospital, Washington, D. C.
SINGLETON, ROBERT TIFFANY.....	University Hospital, Baltimore, Md.
SKAGGS, THOMAS WAYNE.....	Jackson Memorial Hospital, Miami, Florida
SLASMAN, WILLIAM HOWRY, JR.....	University Hospital, Baltimore, Md.
SMITH, WILLIAM MEREDITH, JR.....	Bon Secours Hospital, Baltimore, Md.
SPUDIS, EDWARD VERHINES.....	Detroit Receiving Hospital, Detroit, Michigan
TEMPLETON, WILLIAM PENDLETON.....	

Holston Valley Community Hospital, Kingsport, Tenn.

TREIBER, MARTIN WILLIAM.....	Kings County Hospital, Brooklyn, N. Y.
TROXEL, JAMES ROY.....	Mercy Hospital, Baltimore, Md.
TYSON, WILLIAM ALVA WAY.....	University Hospital, Baltimore, Md.
VANCE, ARNOLD LEONARD.....	St. Agnes Hospital, Baltimore, Md.
WALTER, HERBERT GUY, JR.....	St. John's Hospital, Santa Monica, California
WATSON, JACK THOMAS.....	Mercy Hospital, Baltimore, Md.
WEAVER, KARL HANNA.....	University Hospital, Baltimore, Md.
WEBSTER, JOEL STOOPS.....	University Hospital, Baltimore, Md.
WEEKS, HARRY STEPHEN, JR.....	Mercy Hospital, Baltimore, Md.
WEINER, ISRAEL HOWARD.....	University Hospital, Baltimore, Md.

MATRICULANTS

SENIOR CLASS, SEPTEMBER 18, 1952 TO JUNE 6, 1953

ARP, LOUIS CROFT, JR., A.B., <i>State University of Iowa, 1949</i>	Illinois
BALDWIN, RICHARD MOFFETT, B.S., <i>Loyola College, 1949</i>	Maryland
BANKS, JAMES LEROY, JR., B.S., <i>Furman University, 1949</i>	South Carolina
BASTIAN, GRACE ARLENE, B.S., <i>Johns Hopkins University, 1949</i>	Maryland
BECK, GEORGE HENRY, A.B., <i>Western Maryland College, 1949</i>	Maryland
BERKELEY, SCOTT BRUCE, JR., A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
BERKOW, ROBERT, B.S., <i>University of Maryland, 1949</i>	Maryland
BLUMENFELD, SAMUEL, A.B., <i>University of Maryland, 1949</i>	Maryland
BOGGS, JAMES ERNEST, A.B., <i>West Virginia University, 1949</i>	West Virginia
BOVE, JOSEPH RICHARD, B.S., <i>University of Maryland, 1951</i>	New Jersey
BRINKLEY, GEORGE ROSS, JR., A.B., <i>West Virginia University, 1949</i>	West Virginia
BULLUCK, DAVID ERNEST, JR., B.S., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
BURKART, THOMAS JOSEPH, B.S., <i>Loyola College, 1949</i>	Ohio
BYERLY, WALTER HOUCK, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
BYRNES, BERNARD JOSEPH, JR., B.S., <i>Loyola College, 1949</i>	Maryland
CARROLL, CHARLES FISHER, JR., B.S., <i>Guilford College, 1949</i>	North Carolina
CARTER, DONALD SWEETSER, <i>Duke University</i>	Maryland
CLIFT, JOHN VINTON, B.S., <i>Hampden-Sydney College, 1949</i>	Maryland
CODINGTON, JOHN BONNELL, B.S., <i>Davidson College, 1949</i>	North Carolina
COHEN, JEROME, B.S., <i>University of Maryland, 1951</i>	Maryland
COLON-LUGO, SALOMON, <i>University of Puerto Rico</i>	Puerto Rico
DOERNER, WYAND FRANCIS, JR., B.S., <i>Mt. St. Mary's College, 1949</i>	Maryland
DOWELL, ROWLAND JUDSON, <i>University of Utah</i>	Utah

DUMLER, JOHN DONALD, B.S., <i>University of Maryland, 1951</i>	Maryland
EDLOW, JULES BERNARD, B.S., <i>University of Maryland, 1951</i>	Maryland
EYE, HARRY LUKE, A.B., <i>West Virginia University, 1949</i>	West Virginia
FIROR, HUGH VALENTINE, <i>University of Georgia</i>	Georgia
FIAX, LEONARD HAROLD, B.S., <i>University of Maryland, 1951</i>	Maryland
FRIEMAN, SYLVAN, B.S., <i>University of Maryland, 1949</i>	Maryland
GARLOCK, FREDERICK ADAMS, B.S., <i>University of Maryland, 1951</i>	Maryland
GARRISON, JOSEPH SHERMER, 3d, A.B., <i>Western Maryland College, 1949</i>	Maryland
GEVAS, GEORGE, B.S., <i>University of Maryland, 1949</i>	Maryland
GILLOTTE, JOSEPH PATRICK, B.S., <i>University of Maryland, 1951</i>	Connecticut
GLICK, LEONARD BARRY, B.S., <i>University of Maryland, 1951</i>	Maryland
HARTMAN, JOHN MCMASTER, A.B., <i>West Virginia University, 1949</i>	West Virginia
HEISSE, JOHN WILBUR, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
HENSON, KENNETH CLIFFORD, B.S., <i>Salem College, 1949</i>	Maryland
HERBERT, THOMAS FRANKLYN, <i>Johns Hopkins University</i>	Maryland
HESS, CHARLES FRANKLIN, A.B., <i>McPherson College, 1949</i>	Pennsylvania
HIMMELWRIGHT, GEORGE OVERTON, B.S., <i>University of Maryland, 1951</i>	Maryland
HOLDER, WILLIAM LEWIS, A.B., <i>Emory University, 1949</i>	Georgia
HUNTLEY, EARL STUART, JR., A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	Florida
JONES, HENRY ALBERT, JR., <i>Johns Hopkins University</i>	Maryland
JONES, THOMAS LAWSON, B.S., <i>University of Maryland, 1951</i>	Maryland
JUDGE, WALTER FRANCIS, B.S., <i>University of Notre Dame, 1949</i>	New Jersey
KAESE, WERNER ERICH, B.S., <i>Albright College, 1949</i>	Pennsylvania
KARN, WILLIAM NICHOLAS, JR., <i>Alfred University</i>	Maryland
KINGSBURY, ROBERT COBURN, B.S., <i>University of Maryland, 1951</i>	Maryland
KISER, WILLIAM SITES, B.S., <i>University of Maryland, 1951</i>	West Virginia
KNIGHT, ARTHUR CLYDE, <i>Montana State University</i>	Montana
LAMBERT, ROBERT YOUNG, A.B., <i>Emory University, 1949</i>	South Carolina
LANGRALL, HARRISON MORTON, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
LEE, BENJAMIN BUCK, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
LEIGHTON, HERBERT HOUCK, <i>Western Maryland College</i>	Maryland
LEVINE, ROBERT LEE, B.S., <i>University of Maryland, 1951</i>	Maryland
LONGO-CORDERO, RAFAEL, <i>University of Puerto Rico</i>	Puerto Rico
MADGE, GORDON EVANS, <i>College of William and Mary</i>	Maryland
MCCRACKEN, JESSE WILLIAM, B.S., <i>Guilford College, 1949, University of North Carolina, School of Medicine, September 1949 to June 1951</i>	North Carolina
McFADDEN, ARCHIBALD WEEMS, B.S., <i>University of Maryland, 1951</i>	Maryland
MENDELSON, RONALD EDWARD, B.S., <i>University of Maryland, 1949</i>	Maryland
METCALF, JOHN WILLIAM, JR., B.S., <i>Kent State University, 1949</i>	Ohio
MIDDLETON, BENJAMIN MARTIN, B.S., <i>University of Maryland, 1949</i>	Maryland
MIGHT, JAMES EDWARD, A.B., <i>Wittenberg College, 1949</i>	Ohio
MILES, LESLIE ROY, JR., A.B., <i>West Virginia University, 1949</i>	Pennsylvania
MILLER, GEORGE HENRY, B.S., <i>University of Maryland, 1951</i>	Maryland
MILLER, NORMAN LOUIS, B.S., <i>University of Maryland, 1951</i>	Maryland
PALMISANO, JOSEPH FRANK, B.S., <i>University of Maryland, 1951</i>	Maryland
PECK, GEORGE CHARLES, A.B., <i>Johns Hopkins University, 1949</i>	Florida
POWDER, JAMES RICHARD, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
QUINN, CORBETT, LATIMER, A.B., <i>University of North Carolina, 1949, School of Medicine, September 1949 to June 1951</i>	North Carolina
READ, JAMES LAMAR, B.S., <i>University of Maryland, 1949</i>	Maryland
RICHARDSON, JOE BERNAL, A.B., <i>Emory University, 1949</i>	Georgia
RICHMOND, LEWIS CASS, JR., <i>Duke University</i>	West Virginia
ROWE, JAMES EARLE, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
SCHINDLER, RICHARD ELIAS, B.S., <i>University of Maryland, 1951</i>	Maryland
SHUMAN, JOSEPH ELLYN, B.S., <i>Washington College, 1949</i>	Maryland
SINGLETON, ROBERT TIFFANY, B.S., <i>University of Maryland, 1951</i>	Maryland
SKAGGS, THOMAS WAYNE, B.S., <i>University of Miami, 1947</i>	Florida
SLASMAN, WILLIAM HOWRY, JR., A.B., <i>Johns Hopkins University, 1949</i>	Maryland
SMITH, WILLIAM MEREDITH, JR., B.S., <i>Mt. St. Mary's College, 1949</i>	Maryland
SPUDIS, EDWARD VERHINES, B.S., <i>University of Maryland, 1951</i>	Washington, D. C.
TEMPLETON, WILLIAM PENDLETON, B.S., <i>University of Maryland, 1951</i>	Maryland
TREIBER, MARTIN WILLIAM, B.S., <i>University of Maryland, 1948</i>	Maryland

TROXEL, JAMES ROY, A.B., <i>Johns Hopkins University, 1948</i>	Maryland
TYSON, WILLIAM ALVA WAY, B.S., <i>Dickinson College, 1949</i>	Maryland
VANCE, ARNOLD LEONARD, B.S., <i>University of Maryland, 1951</i>	Maryland
WALTER, HERBERT GUY, JR., <i>University of Nevada</i>	Nevada
WATSON, JACK THOMAS, B.S., <i>U. S. Naval Academy, 1945</i>	West Virginia
WEAVER, KARL HANNA, <i>West Virginia University</i>	West Virginia
WEBSTER, JOEL STOOPS, B.S., <i>University of Maryland, 1951</i>	Maryland
WEEKS, HARRY STEPHEN, JR., A.B., <i>West Virginia University, 1949</i>	West Virginia
WEINER, ISRAEL HOWARD, A.B., <i>Johns Hopkins University, 1949</i>	Maryland

JUNIOR CLASS, SEPTEMBER 18, 1952 TO JUNE 6, 1953

ABRAMS, SAMUEL JOSEPH, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
BAITCH, ARTHUR, B.S., <i>University of Maryland, 1952</i>	Maryland
BAUERNSCHUB, GEORGE MARBRY, JR., B.S., <i>Loyola College, 1950</i>	Maryland
BEACH, ROBERT WILLIAM, III, B.A., <i>Yale University, 1950</i>	Maryland
BECHTOLD, JEAN CAROL, B.S., <i>University of Maryland, 1952</i>	Maryland
BERCK, BEVERLY JEAN, B.A., <i>Asbury College, 1950</i>	Maryland
BERNARDO, ANTHONY A., B.S., <i>University of Maryland, 1950</i>	Rhode Island
BERNTSON, DALE RAMPSTON, B.A., <i>University of Utah, 1949</i>	Utah
BESSON, EDWIN HENRY TAYLOR, B.S., <i>Washington College, 1950</i>	Maryland
BETZ, RICHARD NORMAN, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
BLUMENFELD, HERBERT LEE, B.S., <i>University of Maryland, 1952</i>	Maryland
BROWN, STUART MORTON, B.S., <i>University of Maryland, 1952</i>	Maryland
BULLOCK, ALLEN CULPEPPER, JR., B.S., <i>Bates College, 1950</i>	Maine
CARNEY, MARY KATHLEEN, B.A., <i>College of Notre Dame, 1950</i>	Maryland
COHEN, EARL, B.S., <i>University of Maryland, 1952</i>	Maryland
COYLE, JEAN MARIE, B.S., <i>University of Maryland, 1952</i>	Maryland
DEFENDINI, EFRAIN ANTONIO, <i>University of Puerto Rico</i>	Puerto Rico
DORAN, WILLIAM FRANCIS, B.S., <i>Allegheny College, 1950</i>	Pennsylvania
EDWARDS, ARTHUR GEORGE, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
ELLIN, MORTON JACK, B.S., <i>University of Maryland, 1952</i>	Maryland
ELLIS, ROBERT HAIG, B.S., <i>University of North Dakota, 1950, University of North Dakota Medical School, 1950-1952</i>	North Dakota
EVANS, THEODORE EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
FITCH, CHARLES THOMAS, B.S., <i>George Washington University, 1950</i>	Maryland
FORREST, OTTO NORMAN, JR., B.A., <i>Duke University, 1949</i>	Maryland
FRAMM, DANIEL HERSCHEL, B.S., <i>University of Maryland, 1952</i>	Maryland
FREED, MALCOLM FELIX, B.S., <i>University of Maryland, 1952</i>	Maryland
FRTZ, GEORGE SUPES, <i>University of Maryland</i>	Maryland
FRUTH, RICHARD LAWRENCE, B.A., M.S., <i>W. Va. University, 1949, 1950</i>	West Virginia
FUNKHOUSER, GEORGE RICHARD, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GABLE, WALTER DELAY, B.S., <i>University of Maryland, 1952</i>	Maryland
GERWIG, JOHN MONROE, JR., B.A., <i>Johns Hopkins University, 1950</i>	Maryland
GESSNER, JOHN EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
GLICK, LOUIS MICHAEL, <i>Mt. St. Mary's College</i>	Maryland
GOLDSMITH, RALPH SAMUEL, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GOLDSTEIN, ROBERT BRUCE, <i>University of Maryland</i>	Maryland
GUNNING, JEAN JACQUES, B.A., <i>Loyola College, 1950</i>	Maryland
HALGRIMSON, KENNETH WAYNE, B.S., <i>College of Idaho, 1950</i>	North Dakota
HAMMER, CHARLES JOHN, JR., B.A., <i>Western Maryland College, 1950</i>	Maryland
HARTMAN, JOHN FREDERICK, B.S., <i>Loyola College, 1950</i>	Maryland
HARVEY, HAROLD DEWEY, B.A., B.S., <i>Southwest Missouri State Coll., 1950</i>	Missouri
HATFIELD, WILLIAM HENRY, JR., B.A., <i>St. John's College, 1941</i>	Maryland
HAYES, JAMES WESTCOTT, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
HEADLEY, WILLIAM MCKENDREE, B.S., <i>University of Maryland, 1950</i>	Maryland
HOLCOMBE, ROBERT CALKINS, B.A., <i>Washington University, 1950</i>	Illinois
HOPE, EDWARD WARREN, B.S., <i>Loyola College, 1950</i>	Maryland
HOUP, WILLIAM PIERRE, B.A., <i>Loyola College, 1950</i>	Maryland
HUNT, THOMAS EDWARD, JR., B.A., <i>West Virginia University, 1950</i>	West Virginia
JONES, RICHARD ARVIN, B.A., <i>Bridgewater College, 1950</i>	Maryland
JONES, ROSELLA EDITH, B.A., <i>Indiana University, 1949</i>	Maryland
KAPLAN, IRVIN BERNARD, B.S., <i>University of Maryland, 1949</i>	Maryland
KEEFE, RAYMOND BERNARD, B.S., <i>College of the Holy Cross, 1950</i>	Connecticut

KIESTER, THOMAS EDWARD, B.A., <i>Wittenberg College</i> , 1950	Ohio
KLOHR, EDWARD SMITH, JR., <i>Western Maryland College</i>	Maryland
KNOTTS, BENJAMIN FRANKLIN, JR., B.A., <i>Duke University</i> , 1950	Florida
LAVINE, STANFORD ABE, B.S., <i>University of Maryland</i> , 1950	Pennsylvania
LEVIN, HERBERT JOSEPH, B.S., <i>University of Maryland</i> , 1950	Maryland
LEVINE, HILBERT MERRILL, B.A., <i>Johns Hopkins University</i> , 1950	Maryland
LEVY, DAVID ALFRED, B.S., <i>University of Maryland</i> , 1952	Maryland
LOOFF, DAVID HENRY, B.S., <i>State College of Washington</i> , 1950	Washington
MAWHINNEY, CHARLES, JR., B.S., <i>University of Pittsburgh</i> , 1948	Pennsylvania
MCGONIGLE, JOHN JEROME, JR., B.A., <i>Holy Cross College</i> , 1950	Massachusetts
MOSS, IRWIN HAROLD, B.A., <i>Johns Hopkins University</i> , 1949	Maryland
MUELLER, CHARLES HERBERT, JR., B.S., <i>Wheaton College</i> , 1940	Maryland
MUELLER, EUGENE ALEXANDER, B.S., <i>Mt. Union College</i> , 1949	Ohio
MURPHY, JOHN DAILY, B.A., <i>Centre College</i> , 1950	Illinois
NAZINGER, MOSES LEROY, B.S., <i>Juniata College</i> , 1950	Maryland
NANGLE, GERALD FRANCIS, B.A., <i>Ohio State University</i> , 1948	Maryland
NOVEY, RIVA ESTHER, A.B., <i>Goucher College</i> , 1935, M.S., <i>Smith College</i> 1938	Maryland
NOYA, JOSEPH, B.S., <i>Franklin and Marshall College</i> , 1950	Maryland
OWENS, DAVID, B.S., <i>Loyola College</i> , 1950	Maryland
PACKARD, ALBERT GIBSON, JR., B.A., <i>Johns Hopkins University</i> , 1950	Maryland
PATS, ALBERT, B.S., <i>University of Maryland</i> , 1950	Maryland
PATTEN, DAVID HALES, B.A., <i>Western Maryland College</i> , 1950	Maryland
PEREZ-ARZOLA, MIGUEL, <i>University of Puerto Rico</i>	Puerto Rico
RAAB, HELLMUTH, <i>Florida Southern College</i>	Maryland
RAINNESS, MORRIS, B.A., <i>Johns Hopkins University</i> , 1950	Maryland
ROBERTS, ROBERT REUEL RICHARD, B.S., <i>University of Maryland</i> , 1950	Maryland
SCHLENOFF, MILTON, B.S., <i>University of Maryland</i> , 1950	Maryland
SHAPIRO, JEROME EDWIN, B.A., <i>Johns Hopkins University</i> , 1949	Maryland
SHOCHET, BERNARD RICHARD, B.S., <i>University of Maryland</i> , 1952	Maryland
SIMPSON, MARSHALL ALBERT, <i>Western Maryland College</i>	Delaware
SMYTH, JAMES WALTER, B.S., <i>Loyola College</i> , 1950	Maryland
SOLOM, THOMAS JOHN, B.S., <i>University of Maryland</i> , 1952	New York
STANGEBYE, THORLIEF LUDVIG, JR., A.B., <i>University of North Dakota</i> , 1950, <i>University of North Dakota Medical School</i> , 1950-1952	North Dakota
TEETER, JAMES HERRING, B.A., <i>Gettysburg College</i> , 1950	Maryland
THAMES, RUFUS, B.S., <i>University of Florida</i> , 1950	Florida
TRACY, HAROLD WILLIAM, JR., B.S., <i>University of Maryland</i> , 1950	Maryland
TRAPNELL, HENRY ROGERS, <i>University of Virginia</i>	Maryland
TUBLIN, IRA NATHAN, B.S., <i>University of Maryland</i> , 1950	Maryland
WALL, GEORGE HARRY, B.S., <i>University of Maryland</i> , 1950	Maryland
WEISS, HAROLD ROBERT, B.S., <i>University of Maryland</i> , 1952	Maryland
WELLIVER, DANIEL IRVIN, B.A., <i>Western Maryland College</i> , 1950	Maryland
WELTON, WILLIAM ARCH, JR., B.A., <i>Harvard University</i> , 1950	West Virginia
WHITE, KENNETH HOWARD, JR., B.A., <i>Youngstown College</i> , 1950	Ohio
WHITTAKER, ARTHUR VANCE, B.S., <i>Geneva College</i> , 1949	Pennsylvania
WILD, WILLIAM OTTO, B.S., <i>Mt. Union College</i> , 1950	Ohio
WOHL, MILTON JACK, B.S., <i>University of Dayton</i> , 1950	Maryland
YIM, ROBERT EARL, B.S., <i>University of Nevada</i> , 1950	Nevada

SOPHOMORE CLASS, SEPTEMBER 18, 1952 TO JUNE 6, 1953

ALBRECHT, JOHN GEORGE, <i>Adelphi College</i>	New York
BAER, GEORGE KOHLER, B.A., <i>Johns Hopkins University</i> , 1951	Maryland
BALCERZAK, STANLEY PAUL, JR., <i>University of Pittsburgh</i>	Pennsylvania
BALL, JAMES JOHN, <i>University of Illinois</i>	Maryland
BARNETT, ROBERT MAITLAND, JR., <i>College of Charleston</i>	South Carolina
BENITEZ-VAN RHYN, EUGENIO ENRIQUE, B.S., <i>University of Puerto Rico</i> , 1951	Puerto Rico
BEYER, OTTO CHRISTIAN, B.S., <i>Loyola College</i> , 1951	Maryland
BLANKMAN, NORMAN, B.S., <i>University of Maryland</i> , 1953	Maryland
BRADLEY, ALBERT BENNETT, B.A., <i>Johns Hopkins University</i> , 1951	Maryland
BRUNSCHWYLER, PHILIP CRAIG, A.B., <i>West Virginia University</i> , 1951	West Virginia
BULLARD, FOSTER LUCIUS, JR., A.B., <i>Emory University</i> , 1951	Florida

CAMERON, DONALD CHISHOLM, B.A., <i>University of Delaware, 1951</i>	Delaware
CAPEL, NEAL CONRAD, B.S., <i>University of Utah, 1951</i>	Utah
CAVALLARO, JOSEPH WILLIAM, B.S., <i>University of Maryland, 1950</i>	Maryland
CHARLES, RODERICK EDWARD, B.S., <i>Howard University, 1951</i>	Maryland
CLOSE, JAMES MCCLAY, B.A., <i>Virginia Military Institute, 1951</i>	Maryland
COHEN, JONAS KOLKER, A.B., <i>University of Maryland, 1950</i>	Maryland
COLE, ROGER WILLARD, B.S., <i>University of Maryland, 1953</i>	Maryland
CORNELL, ROGER DETLEF, B.S., <i>Davidson College, 1951</i>	Maryland
COWAN, THOMAS WARNER, B.S., <i>University of Maryland, 1953</i>	Pennsylvania
COX, EVERARD FRANCIS, B.S., <i>University of Utah, 1951</i>	Utah
DALY, MARY VIOLA, B.S., <i>American University 1950; M.S., Iowa State College, 1951</i>	Maryland
DANN, THEODORE ALVIN, B.S., <i>University of Maryland, 1953</i>	Maryland
DARRELL, JOHN JOSEPH, <i>Loyola College</i>	Maryland
DAVIS, THOMAS EDWARD, B.A., <i>Washington & Lee University, 1951</i>	Maryland
DEMBO, DONALD HOWARD, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
DIEDERICH, HENRY AUGUST, B.A., <i>Wittenberg College, 1951</i>	Ohio
DVORINE, WILLIAM, B.A., <i>Western Maryland College, 1950</i>	Maryland
ENGERS, JOHN ALBERT, JR., B.S., <i>Georgetown University, 1950</i>	Maryland
ESHELMAN, JOSEPH CHALICE, <i>University of Maryland</i>	Maryland
FELDMAN, MARTIN JEROME, B.S., <i>Loyola College, 1951</i>	Maryland
FREDERICK, JAMES NELSON, A.B., <i>West Virginia University, 1951</i>	West Virginia
FRISKEY, GEORGE HAMILTON, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GALLOWAY, CHARLES BARTON, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GAULD, JOHN ROSS, A.B., <i>University of Maryland, 1951</i>	Maryland
GELHAUS, VERNON MAYNARD, <i>Loyola College</i>	Maryland
GIFFORD, GEORGE EDMUND, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
GILMORE, GEORGE TRAVERS, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDBERG, JULIAN ROBERT, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDNER, MARVIN ALFRED, B.S., <i>University of Maryland, 1953</i>	Maryland
GOSHORN, GARY SWAN, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
HARRIS, DANIEL BERNARD, B.S., <i>University of Maryland, 1951</i>	Maryland
HECKER, ALVIN WILFRED, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HERBST, HARRY HERMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HIGMAN, HENRY BOOTH, B.A., <i>St. Johns College, 1950</i>	Maryland
HIMMLER, WALTER NORMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HOLLISTER, WILLIAM, JR., B.S., <i>Davidson College, 1951</i>	North Carolina
HOPKINS, PETER HOLMES, B.S., <i>Randolph-Macon College, 1951</i>	Maryland
HUDSON, PAUL CARROLL, A.B., <i>Princeton University, 1948</i>	Maryland
HUGHES, JAMES LEWIS, B.S., <i>Georgetown University, 1951</i>	Maryland
IWANTSCH, ALFRED EDMUND, <i>Johns Hopkins University</i>	Maryland
JAMES, WALTER EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
KAPPELMAN, MURRAY MARTIN, B.S., <i>University of Maryland, 1953</i>	Maryland
KEEFE, WILLIAM PETER, B.S., <i>College of the Holy Cross, 1951</i>	Connecticut
KEEGAN, JAMES THOMAS, B.A., <i>Dartmouth College, 1951</i>	Connecticut
KIMMEL, LOUIS EDMUND, JR., B.S., <i>University of Maryland, 1953</i>	Maryland
KING, DANIEL DENON, JR., B.S., <i>College of William and Mary, 1951</i>	Maryland
KIRBY, WILLIAM HENRY, JR., B.E., <i>Johns Hopkins University, 1943, M.S. Johns Hopkins University, 1951</i>	Maryland
KLUGMAN, YALE LEE, B.S., <i>University of Maryland, 1953</i>	Maryland
KOONS, CHARLES RONALD, B.S., <i>Purdue University, 1951</i>	New Jersey
KRAMER, MORTON DAVID, B.S., <i>University of Maryland, 1950</i>	Maryland
KRONE, WILLIAM FRANK, JR., B.A., <i>Washington and Jefferson College, 1951</i>	Maryland
LANCASTER, ROBERT GREGORY, <i>Gonzaga University</i>	Washington
LAVY, NORMAN WILBUR, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
LEIGHTON, RICHARD FREDERICK, B.A., <i>Western Maryland College, 1951</i>	Maryland
LEIPOLD, ERNEST ADAM, JR., <i>Johns Hopkins University</i>	Maryland
LEWANDOWSKI, ANTHONY ADAM, B.A., <i>Loyola College, 1951</i>	Maryland
LIPSITZ, SIDNEY MELBOURNE, JR., B.A., <i>University of Maryland, 1949</i>	Maryland
LONGO, FRANK WALTER, B.S., <i>University of Maryland, 1951</i>	Connecticut
McGOWAN, JOHN PETER, B.S., <i>St. John's University, 1951</i>	New York
McINTYRE, DAVID BECK, B.S., <i>University of Maryland, 1951</i>	Maryland
MENDELSON, JACK HAROLD, <i>Johns Hopkins University</i>	Maryland

MIKOLOSKI, VINCENT STANLEY, JR., B.A., <i>Clark University, 1951</i>	Massachusetts
MOONEY, ALBERT LEE, B.S., <i>Washington College, 1943</i>	Maryland
MORNINGSTAR, GEORGE LEO, A.B., <i>West Virginia University, 1951</i>	West Virginia
MORSE, LEONARD JACK, B.A., <i>American International College, 1951</i>	Massachusetts
MUELLER, PAUL GODFREY, <i>Loyola College</i>	Maryland
NATARO, FRANK ROBERT D'ANNEO, B.A., <i>Yale University, 1947, M.B.A., Columbia University, 1951</i>	New Jersey
NEELEY, JAMES PATTON, JR., B.S., <i>University of Utah, 1951</i>	Utah
POLIS, GEORGE NICHOLAS, B.S., <i>Georgetown University, 1951</i>	District of Columbia
PRATT, CHARLES BENTON, JR., A.B., <i>University of North Carolina, 1951</i>	North Carolina
RASKIN, JOAN, A.B., <i>Goucher College, 1951</i>	Maryland
SAMORODIN, VIOLET SELMA, B.S., <i>University of Maryland, 1953</i>	Maryland
SAX, ALBERT MORTON, B.S., <i>Western Reserve University, 1951</i>	Maryland
SCHANBERGER, JOHN EDWARD, B.A., <i>Loyola College, 1951</i>	Maryland
SHIREY, ROBERT GARLAND, B.S., <i>West Virginia University, 1951</i>	West Virginia
SMALL, RICHARD ELWOOD, A.B., <i>Gettysburg College, 1951</i>	Pennsylvania
SNYDER, CLOVIS MARENE, B.A., <i>Washington and Lee University, 1951</i>	Maryland
SPOCK, ALEXANDER, B.S., <i>Loyola College, 1951</i>	Pennsylvania
STAGGERS, PHILLIP GARY, B.S., <i>University of Maryland, 1953</i>	West Virginia
STERLING, WILLIAM NORTON, B.S., <i>George Washington University, 1951</i>	District of Columbia
STEWART, DONALD WALLACE, B.S., <i>Morgan State College, 1951</i>	Maryland
STITCHER, JOSEPH EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
SUSSMAN, KARL EDGAR, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
THORPE, PETER VAN BOEKEL, A.B., <i>Brown University, 1941</i>	Maryland
WALTON, FRED RICHARD, B.A., <i>Indiana University, 1950</i>	Indiana
WARD, ANN MARIE, B.A., <i>Barnard College, 1951</i>	New Jersey
WELLING, CHARLES CLARK, B.S., <i>University of Utah, 1951</i>	Utah
YOUSEM, HERBERT LEONARD, B.A., <i>Johns Hopkins University, 1951</i>	Maryland

Sophomores who did not complete the year:

TRUCKER, ALBERT LEROY, JR.
WAGNER, HERBERT CHARLES

FRESHMAN CLASS, SEPTEMBER 18, 1952 TO JUNE 6, 1953

ABESHOUSE, GEORGE ALAN, B.A., <i>Yale University, 1952</i>	Maryland
ADAMS, JOHN EDWARD, <i>University of Maryland</i>	Maryland
ADKINS, ROBERT THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
ANDERSON, DANIEL GILLFORD, B.S., <i>Muskingum College, 1952</i>	Pennsylvania
AULT, VIRGINIA LEE, B.S., <i>University of Maryland, 1950</i>	Maryland
BAER, HENRY ALLEN, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
BARCHET, STEPHEN, <i>Brown University</i>	Illinois
BELGRAD, RICHARD, <i>Loyola College</i>	Maryland
BELLOMO, FRANK ROCCO, B.S., <i>Loyola College, 1952</i>	New Jersey
BENNION, JERALD HORNE, B.S., <i>University of Utah, 1952</i>	Utah
BIALEK, STANLEY MORRIS, B.S., <i>George Washington University, 1952</i>	District of Columbia
BLUE, MORRIS LARRIE, B.S., <i>University of Maryland, 1952</i>	Maryland
BONGARDT, HENRY FRANCIS, JR., B.A., <i>Loyola College, 1952</i>	Maryland
BROWN, ERNEST OWEN, B.S., <i>Morgan State College, 1952</i>	Maryland
BURNINGHAM, RICHARD ALVIN, B.A., <i>University of Southern California, 1951</i>	California
BURWELL, JAMES ABRAHAM, B.A., <i>University of Pittsburgh, 1952</i>	Pennsylvania
BYRNE, ROBERT JAMES, <i>University of Maryland</i>	Maryland
CARSKI, THEODORE ROBERT, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
CASTELLANO, JAMES, JR., <i>University of Maryland</i>	New York
CHASE, JAMES McALLISTER, JR., <i>University of Maryland</i>	Delaware
COHEN, WILLIAM, <i>University of Maryland</i>	Maryland
COHEN, WILLIAM COLEMAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
COLLAWN, THOMAS HERBERT, <i>University of Maryland</i>	Maryland
DAVIDSON, DAVID LEE, B.A., <i>Cornell University, 1952</i>	Maryland
DORSEY, JAMES THOMAS, B.A., <i>Wesleyan University, 1952</i>	Maryland
DOWNING, JOHN DENT, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
EGLSEDER, LUDWIG JOSEPH, <i>University of Maryland</i>	Maryland

ESTES, JAMES TILFORD, <i>University of Maryland</i>	Maryland
FARMER, RICHARD GILBERT, <i>Indiana University</i>	Indiana
FINEGOLD, RICHARD ALLEN, <i>University of Pittsburgh</i>	Pennsylvania
FOSTER, GIRAUD VERNAM, B.S., <i>Trinity College, 1952</i>	Maryland
FRANCO, JORGE ALFONSO, <i>University of Puerto Rico</i>	Puerto Rico
FRANKLIN, MARSHALL BURTON, B.S., <i>Franklin and Marshall College, 1952</i>	Maryland
FROHLICH, EDWARD DAVID, B.A., <i>Washington and Jefferson College, 1952</i>	Maryland
GRIGOLEIT, ALFRED WILLIAM, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
HAWKINS, JOSIAS HENRY, JR., A.B., <i>George Washington University, 1952</i>	Maryland
HEADLEY, ROBERT NELSON, <i>University of Maryland</i>	Maryland
HENDERSON, NEIL CARLTON, <i>University of Maryland</i>	New York
HERSPERGER, WEBB SELLMAN, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
HOFFMAN, LEE, B.A., <i>University of Maryland, 1952</i>	Maryland
HOOPER, VIRGIL ROY, <i>West Virginia University</i>	West Virginia
HUMMEL, RALPH TURNER, <i>University of Maryland</i>	Maryland
HURWITZ, GILBERT EARL, <i>University of Maryland</i>	Maryland
IVENS, BETTY IRENE, B.S., <i>Washington College, 1952</i>	Maryland
JACKSON, THOMAS DAVID, B.A., <i>West Virginia University, 1952</i>	Maryland
JOHNSTON, DANIEL FULPER, B.A., <i>Princeton University, 1952</i>	Maryland
KANNER, ALBERT VICTOR, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
KAPLAN, ROBERT MARTIN, B.A., <i>University of Michigan, 1952</i>	Maryland
KELLAM, SHEPPARD GORDON, <i>Loyola College</i>	Maryland
KELLY, JOHN EDWARD, JR., B.S., <i>University of Notre Dame, 1952</i>	New York
KEYSER, PAUL SUDHOFF, A.B., <i>Earlham College, 1952</i>	Maryland
KING, CHARLES HERSCHEL, <i>University of Maryland</i>	Maryland
KLATT, KENNETH MUNSON, <i>University of Delaware</i>	Maryland
KNOWLES, PAUL WILLIAM, <i>University of Utah</i>	Utah
KOLLER, ELMER CURTIS, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
KRAMER, BERNARD, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
KRAMER, HAROLD COLEMAN, <i>University of Maryland</i>	Maryland
KRESS, SCHELDON, B.S., <i>University of Maryland, 1952</i>	Maryland
LANCASTER, LOUIS JAMES, B.S., <i>Virginia Polytechnic Institute, 1952</i>	Maryland
LANZI, JOSEPH GABRIEL, <i>Loyola College</i>	Maryland
LAUGHLIN, CARL PATRICK, <i>West Virginia University</i>	West Virginia
LEE, MATHW HUNG MUN, <i>Johns Hopkins University</i>	Hawaii
LEMMERT, WILLIAM ARDEN, B.S., <i>University of Maryland, 1952</i>	Maryland
LITTLETON, JOHN BRECKENRIDGE, B.S., <i>University of Maryland, 1952</i>	Maryland
LLOYD, WILLIAM THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
LOVE, THOMAS ANKARCRONA, <i>University of Maryland</i>	Maryland
MAGGID, GERALD NORTON, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
MAHON, ROBERT JOSEPH, <i>University of Maryland</i>	Maryland
MANGUS, SAMUEL JAMES, <i>Washington College</i>	Maryland
MARTON, HERBERT MILES, B.A., <i>Brown University, 1952</i>	New York
MCLAUGHLIN, JOSEPH SHEFFER, <i>Loyola College</i>	Maryland
MUTH, ROBERT GABRIEL, <i>Loyola College</i>	Maryland
MYERS, RICHARD IRA, B.S., <i>George Washington University, 1952</i>	Pennsylvania
NOWELL, JOHN FRANCIS, <i>University of Maryland</i>	Maryland
OSTEEN, CLARK LAMONT, <i>University of Maryland</i>	Maryland
OURSLE, DAVID ALAN, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
PALMER, WILLIAM MARTIN, <i>University of Utah</i>	Maryland
PICKETT, WILBUR CRAFTS, JR., B.S., <i>Washington and Lee University, 1952</i>	Maryland
PLATT, MARVIN STANLEY, B.S., <i>University of Maryland, 1951</i>	Maryland
PLUMB, RICHARD LEON, B.S., <i>Randolph-Macon College, 1952</i>	District of Columbia
POLLACK, IRVIN PAUL, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
REHL, GEORGE EDWARD, JR., <i>Loyola College</i>	Maryland
RODMAN, HAROLD IRVIN, B.A., <i>Johns Hopkins University, 1952</i>	Maryland
ROSS, HARRY PAUL, <i>University of Maryland</i>	Maryland
SANISLOW, CHARLES ANDREW, JR., B.S., <i>Rutgers University, 1952</i>	New Jersey
SCHUSTER, GERALD DAVID, B.S., <i>University of Maryland, 1952</i>	Maryland
SHANNON, MARVIN LOU, <i>University of Maryland</i>	Maryland
SHAUB, ROY OTIS, <i>University of Utah</i>	Utah
SINTON, WILLIAM ALLEN, JR., B.S., <i>College of William & Mary, 1952</i>	Maryland
SKAGGS, JAMES WILLIAM, JR., B.A., <i>West Virginia University, 1952</i>	West Virginia

SLATER, PAUL VERNON, B.A., <i>West Virginia University, 1952</i>	West Virginia
SMITH, GEORGE THOMAS, <i>University of Maryland</i>	West Virginia
SOWELL, GEORGE ALEXANDER, B.S., <i>The Citadel, 1952</i>	Maryland
STOVIN, JAMES JOSEPH, B.A., <i>Yale University, 1952</i>	New York
STUCK, ROBERT GEORGE, B.S., <i>Washington College, 1952</i>	New York
STURGEON, HOWARD ELBERT, B.A., <i>University of Virginia, 1952</i>	Maryland
TRAINIS, EVELYN ANNA, A.B., <i>Goucher College, 1952</i>	Maryland
TRUITT, VIRGINIA HARRINGTON, B.S., <i>University of Maryland, 1952</i>	Maryland
WHITEFORD, EDWIN WARFIELD, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
WILLIAMS, JOHN ZIGLER, <i>University of Maryland</i>	Maryland
WILSON, HARRY DAVIS, JR., B.A., <i>Amherst College, 1952</i>	Maryland
WRIGHT, ROBERT LEE, B.S., <i>Kent State University, 1951</i>	Ohio

Freshmen who did not complete the year:

WALKER, EUGENE LESTER, B.S.
WOLFE, RICHARD LOUIS, B.S.

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1952 to June 30, 1953

SURGICAL ANATOMY

BRYANT, GEORGE E., M.D.	Baltimore, Md.	<i>Marquette Univ. Med. School</i>
CARROLL, HAIRSTON R., M.D.	Rolling Fork, Miss.	<i>Johns Hopkins Med. School</i>
CHIU, CHI-CHAO, M.D.	Hong Kong	<i>Yale-in-China Med. School</i>
CRACRAFT, WILLIAM A., M.D.	Charleston, W. Va.	<i>University of Maryland</i>
CURTIS, HUGH P., M.D.	Ontario, Calif.	<i>Univ. of California</i>
DANE, LEAR W., M.D.	Baltimore, Md.	<i>Tulane Medical School</i>
HADDIAN, CALVIN Y., M.D.	Beirut, Lebanon	<i>American Univ. of Beirut</i>
HAUBER, FRANK D., M.D.	Baltimore, Md.	<i>Johns Hopkins Med. School</i>
KING, JOHN WINSTON, M.D.	Norfolk, Virginia	<i>Provident Hospital</i>
LATTIMORE, THOMAS J., M.D.	Macon, Georgia	<i>University of Georgia</i>
LIEBERMAN, AARON L., M.D.	Mexico	<i>Univ. of Mexico City Med. School</i>
MCDONNELL, PETER J., M.D.	Baltimore, Md.	<i>Cornell Univ. Med. College</i>
MERCADO, DANIEL O., M.D.	Tanauan, Philippines	<i>Univ. of the Philippines</i>
NORTON, AUSTIN T., M.D.	Quincy, Mass.	<i>St. Louis University</i>
POLLEY, VIRGIL B., M.D.	Baltimore, Md.	<i>St. Louis Univ. Med. School</i>
SPARKUHL, KONSTANTIN, M.D.	Perry Point, Md.	<i>Univ. of Southern Calif.</i>
TOMA, JOHN J., M.D.	N. Hollywood, California	<i>Univ. of Budapest</i>
TOMS, BATE CARPENTER, JR., M.D.	Salisbury, N. Carolina	<i>Univ. of Maryland</i>

BASIC SCIENCES IN GENERAL PRACTICE

ALECCE, ANDREW A., M.D.	Baltimore, Md.	<i>University of Maryland</i>
BERRY, ROBERT Z., M.D.	Baltimore, Md.	<i>University of Maryland</i>
CHEN, T. WALTER, M.D.	Shanghai, China	<i>Aurora Univ. Med. School</i>
CHIU, CHI-CHAO, M.D.	Hong Kong	<i>Yale-in-China</i>
CO, JOSE DAVID, M.D.	Manila, Philippines	<i>Manila Central Univ. Med. School</i>
DAMON, ERNEST H., JR., M.D.	Baltimore, Md.	<i>Tufts Medical School</i>
D'ANTONIO, JOSEPH, M.D.	Baltimore, Md.	<i>University of Maryland</i>
FITZPATRICK, V. DEPAUL, M.D.	Baltimore, Md.	<i>University of Maryland</i>
GRAVES, JOSEPH W., M.D.	Baltimore, Md.	<i>Vanderbilt Univ. Med. School</i>
GREEN, WAVERLY S., JR., M.D.	Nottoway, Va.	<i>Johns Hopkins Univ.</i>
HUDSON, CLIFFORD F., M.D.	Fork, Maryland	<i>University of Pa. Med. School</i>
HUDSON, WILLARD P., M.D.	Forest Hill, Md.	<i>University of Pa. Med. School</i>
ITEN, GEORGE, M.D.	San Luis Obispo, Calif.	<i>University of Maryland</i>

KELLY, GORDON W., M.D.	Hyattsville, Md.	<i>University of Maryland</i>
KIANOORI, ROBABEH	Teheran, Iran	<i>Teheran Univ.</i>
KNIPP, HARRY L., M.D.	Baltimore, Md.	<i>University of Maryland</i>
MACKOWIAK, STEPHEN C., M.D.	Baltimore, Md.	<i>University of Maryland</i>
MANSBERGER, ARLIE ROLAND, M.D.	Baltimore, Md.	<i>University of Maryland</i>
MARYANOV, LAWRENCE, M.D.	Cambridge, Md.	<i>Univ. of Louisville Med. School</i>
NEVY, EUGENE F., M.D.	Dundalk, Md.	<i>Univ. of Bologna, Italy</i>
O'HARE, JAMES STEWART, M.D.	Baltimore, Md.	<i>University of Maryland</i>
PADUSSIS, STEPHEN K., M.D.	Baltimore, Md.	<i>University of Maryland</i>
PARELHOFF, MERRILL E., M.D.	Baltimore, Md.	<i>University of Maryland</i>
PECSON, BENJAMIN S., M.D.	Manila, Philippines	<i>Univ. of Santo Tomas, Manila</i>
RASKIN, HOWARD F., M.D.	Baltimore, Md.	<i>University of Maryland</i>
SARTORIUS, NORMAN E., Jr.	Pocomoke City, Md.	<i>University of Maryland</i>

BASIS SCIENCES IN GENERAL PRACTICE, *continued*

SCHIMEL, SAMUEL, M.D.	Wilna, Poland	<i>Univ. of Wilna, Poland</i>
TAWATAO, MANUEL B., M.D.	Mabini, Philippines	<i>Univ. of Munich, Germany</i>
URLOCK, JOHN P., JR., M.D.	Baltimore, Md.	<i>Univ. of Philippines</i>
WARD, HUGH WALTER, M.D.	Owings, Maryland	<i>University of Maryland</i>
WOOD, ORLYN HILL, M.D.	Baltimore, Md.	<i>Woman's Med. College of Pa.</i>
WONG, WYMAN KAY, M.D.	Melbourne, Australia	<i>Melbourne University</i>
WONG, YUNG-TSING, M.D.	Hong Kong	<i>Yale-in-China Med. School</i>
YOCUM, ALFRED W., M.D.	Baltimore, Md.	<i>University of Maryland</i>
ZERZAVY, FREDERICK M., M.D.	Brno Brunn, Czechoslovakia	<i>Univ. of Zagreb, Yugoslavia</i>

PHYSICIANS AND GUESTS ATTENDING POSTGRADUATE CLOSED CIRCUIT TELECAST GIVEN FOR THE MARYLAND ACADEMY OF GENERAL PRACTICE AT UNIVERSITY HOSPITAL
JANUARY 15, 1953

Dr. WM. R. AMBERSON, Baltimore, Md.	Dr. HARRY C. HULL, Baltimore, Md.
Dr. WALTER A. ANDERSON, Baltimore, Md.	Dr. ERWIN R. JENNINGS, Baltimore, Md.
Mr. ROBERT BERKOW, Senior Medical Student	Dr. WALTER KILBY, Baltimore, Md.
Dr. E. IRVING BAUMGARTNER, Oakland, Md.	Dr. R. C. KINGSBURY, Baltimore, Md.
Dr. ANNIE M. BESTEBREURTJE, Baltimore, Md.	Dr. ARTHUR KNIGHT, Baltimore, Md.
Dr. HOWARD M. BUBERT, Baltimore, Md.	Dr. KURT LEDERER, Queen Anne, Md.
Dr. HARRY C. BYRD, College Park, Maryland	Dr. BYRUTH LENSON-LAMBROS, Balto., Md.
Dr. T. NELSON CAREY, Baltimore, Md.	Dr. WILLIAM S. LOVE, Baltimore, Md.
Mr. CARL D. CLARKE, Butler, Maryland	Dr. ARLIE R. MANSBERGER, Baltimore, Md.
Mr. RAYMOND CLAYTON, Baltimore, Md.	Dr. W. W. MAGRUDER, Baltimore, Md.
Dr. R. CUNNINGHAM, Baltimore, Md.	Dr. J. R. MCNINCH, JR., Baltimore, Md.
Dr. BENJAMIN DOROGI, Cardiff, Md.	Dr. NATHAN NEEDLE, Baltimore, Md.
Dr. H. L. FAHRNEY, Frederick, Md.	Dr. W. A. NIEMANN, Baltimore, Md.
Dr. JACOB FINESINGER, Baltimore, Md.	Dr. SIDNEY NOVENSTEIN, Funkstown, Md.
Dr. A. H. FINKELSTEIN, Baltimore, Md.	Dr. CHARLES F. O'DONNELL, Towson, Md.
Mr. NORMAN FORREST, Jr. Med. Student	Mr. MILTON J. PATTERSON, Baltimore, Md.
Dr. I. P. FROHMAN, Washington, D. C.	Dr. HAROLD B. PLUMMER, Preston, Md.
Dr. W. K. GORTEN, Baltimore, Md.	Dr. J. MORRIS REESE, Baltimore, Md.
Mr. FRANK C. GARVIN, Phila., Pa.	Dr. DEXTER REIMANN, Baltimore, Md.
Mr. R. GOLDSMITH, Jr. Med. Student	Dr. HARRY M. ROBINSON, JR., Balto., Md.
Dr. WM. C. HARRISON, Hurlock, Md.	Dr. NORMAN E. SARTORIUS, JR., Pocomoke City, Md.
Mr. CHAS J. HAMMER, Jr. Med. Student	Dr. NORMAN E. SARTORIUS, SR., Pocomoke City, Md.
Mr. WM. M. HEADLEY, Jr. Med. Student	Dr. LEONARD SCHERLIS, Baltimore, Md.
Dr. GUSTAV HIGHSTEIN, Baltimore, Md.	Dr. SIDNEY SCHERLIS, Baltimore, Md.
Dr. W. ROYCE HODGES, Cumberland, Md.	Dr. W. H. SHEALY, Sharpsburg, Md.

Dr. B. SKITARELIC, Cumberland, Md.
 Dr. HUGH R. SPENCER, Baltimore, Md.
 Dr. F. J. TOWNSEND, JR., Ocean City, Md.
 Mr. H. TRACY, Jr. Med. Student
 Mr. IRA TUBLIN, Jr. Med. Student
 Dr. JOHN A. WAGNER, Baltimore, Md.
 Dr. HUGH W. WARD, Owings, Md.
 Mr. TOM WHITE, WBAL-TV, Baltimore, Md.

Mrs. JOHN L. WHITEHURST, Baltimore, Md.
 Dr. CHAS H. WILLIAMS, Pikesville, Md.
 Dr. T. E. WOODWARD, Baltimore, Md.
 Dr. H. BOYD WYLIE, Baltimore, Md.
 Mr. A. E. YIM, Jr. Med. Student
 Dr. IRA M. ZIMMERMAN, Williamsport, Md.

EXPERIMENTAL SURGERY

From Baltimore City Hospitals

CALVIN Y. HADIDIAN, M.D. Beirut, Lebanon
 JOHN DAVID HAYNES, M.D. Ontario, Canada
 JAHANGEER, NOURI, M.D. Tehran, Iran

*American Univ. of Beirut
 Queens University, Ontario
 Tehran, University*

From Mercy Hospital

ERNANI V. CERTEZA, M.D. Manila, P. I.
 ROBERT A. MOORE, M.D. Winston-Salem, N. C.

*Univ. of Santo Tomas
 Bowman Gray School of
 Med.*

From Provident Hospital

MARCUS W. MOORE, Sr., M.D. Baltimore, Md.

Howard University

SUMMARY OF STUDENTS

September 18, 1952 to June 6, 1953

<i>Medical Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Senior Class.....	91	1	92
Junior Class.....	92	6	98
Sophomore Class.....	97	4	101
Freshman Class.....	100	4	104
	—	—	—
Medical Students.....	380	15	395
Intramural Post-Graduate Students.....	117	6	123
	—	—	—
	497	21	518

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 18, 1952 to June 6, 1953

California.....	1	New York.....	9
Connecticut.....	5	North Carolina.....	8
Delaware.....	3	North Dakota.....	3
District of Columbia.....	6	Ohio.....	8
Florida.....	6	Pennsylvania.....	16
Georgia.....	3	Rhode Island.....	1
Illinois.....	4	South Carolina.....	3
Indiana.....	2	Utah.....	9
Maine.....	1	Virginia.....	1
Maryland.....	260	Washington.....	2
Massachusetts.....	3	West Virginia.....	22
Missouri.....	1		
Montana.....	1	UNITED STATES POSSESSIONS	
Nebraska.....	1	Hawaii.....	1
Nevada.....	2	Puerto Rico.....	6
New Jersey.....	8		

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(Term beginning July 1, 1953 and ending June 30, 1954)

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I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine.....

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School of Nursing offers two programs of study: 1. A Basic Professional Program consisting of four calendar years leading to the degree of Bachelor of Science in Nursing, and 2. A Basic Program consisting of three calendar years leading to the Diploma in Nursing.

The Basic Professional Program extends over a period of four years. Students in this program complete two academic years of study on the College Park campus and the remaining two years on the Baltimore campus. Graduates of this curriculum are prepared for first-level positions in hospital nursing and as beginner-practitioners under supervision in public health nursing.

Graduates who have completed a minimum of two years of college work in other approved colleges may be admitted to this program.

The Basic Program extends over a three year period. This prepares the graduate for general nursing practice in hospitals or homes.

Graduates of either program are eligible to take the Maryland State Board Examinations for nurses.

The School of Nursing makes every effort to conform to the catalogue announcements, never-the-less the School reserves the right to adapt these programs to current needs.

For information regarding admissions, address inquiries to the Dean of the School of Nursing, University of Maryland, Baltimore 1, Maryland.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established 1899 and incorporated on December 23, 1901. It is an integral part of Mercy Hospital and is under the same government. It is accredited by the Maryland State Board of Examiners of Nurses and the National Nursing Accrediting Service.

The University of Maryland, and Mount Saint Agnes College, in affiliation with

the Mercy Hospital School of Nursing, offer a five year combined academic and nursing program. The completion of this course entitles the student to the degree of Bachelor of Science from the University of Maryland and Mount Saint Agnes College, and to the diploma of the Mercy Hospital School of Nursing.

Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 348 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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September, 1954

UNIVERSITY OF MARYLAND

SCHOOL OF
MEDICINE

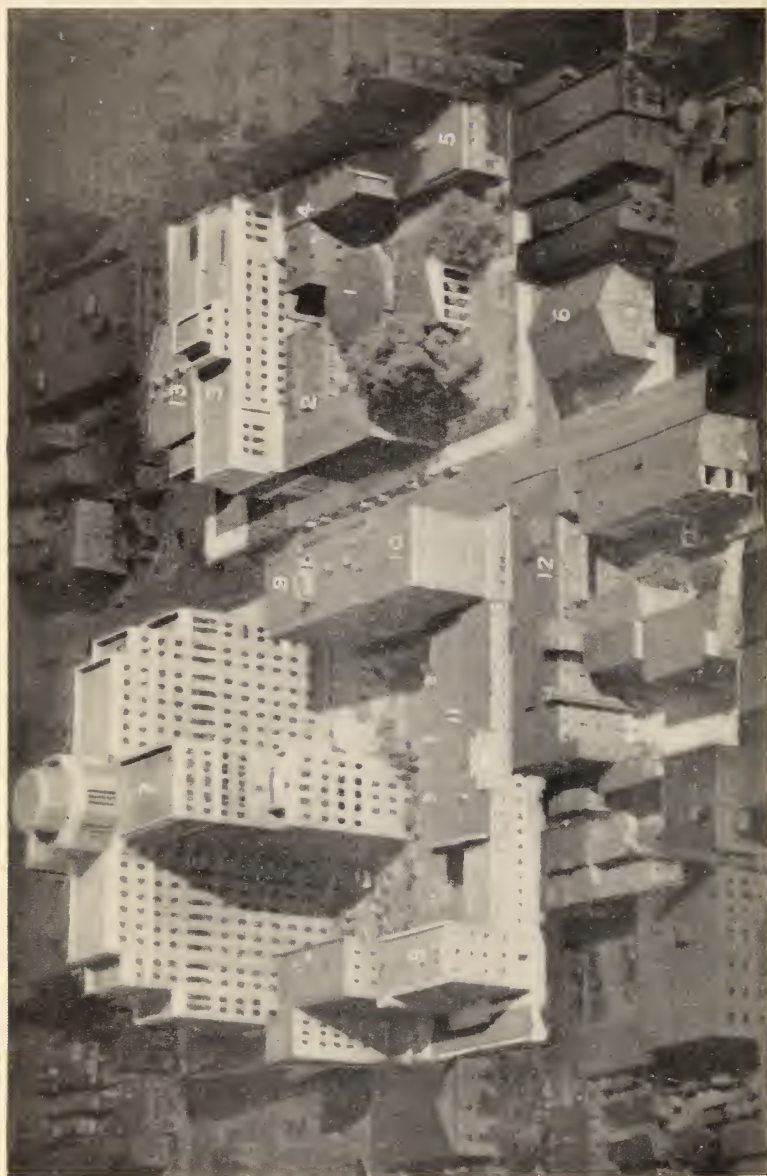


CATALOGUE
&
ANNOUNCEMENTS

22 W. LOMBARD STREET, BALTIMORE 1, MD.

NOTE

This catalogue was closed for the press on May 31, 1954. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.



BALTIMORE SCHOOLS—UNIVERSITY OF MARYLAND

- | | |
|---|-----------------------------------|
| 1. Original Medical Building | 7. University Hospital |
| 2. Laboratory Building, Medicine | 8. Nurses' Home, Medicine |
| 3. Bressler Building, Medicine | 9. School of Pharmacy |
| 4. Gray Laboratory, Student's Lounge, Medicine | 10. School of Dentistry |
| 5. Administration Building, College of Education,
Baltimore Division | 11. Dental Clinic |
| 6. Medical Library | 12. Out-Patient Clinics, Medicine |
| | 13. School of Law |

UNIVERSITY OF MARYLAND

SCHOOL *of* MEDICINE

SEPTEMBER, 1954



Announcements for

The One Hundred Forty-Ninth Academic Session
1954-1955

Catalogue of
The One Hundred Forty-Eighth Academic Session
1953-1954



University Hospital Showing the Psychiatric Institute in the Foreground



THE FRANK C. BRESSLER RESEARCH LABORATORY

CALENDAR

1954												1955												1956											
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CALENDAR

ACADEMIC YEAR—SEPTEMBER 16, 1954 TO JUNE 4, 1955

1954

September 7, 8, 9

Re-examinations for advancement

FIRST SEMESTER—September 16, 1954 to January 22, 1955

September 14	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 15	Wednesday	*Registration, payment of fees, all other students
September 16	Thursday	Instruction begins at 8:00 a.m.
November 23	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November 29	Monday	Instruction resumed
December 18	Saturday	Instruction suspended at 5:00 p.m. Christmas Holiday

1955

January 3	Monday	Instruction resumed
January 17	Monday	Midyear examinations begin. (Junior and Senior classes continue throughout this week) *Payment of fees for second semester
January 22	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 24 to June 4, 1955

January 24	Monday	Instruction begins
February 22	Tuesday	Holiday—Washington's Birthday
February 23	Wednesday	Instruction resumed
April 7	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
April 12	Tuesday	Instruction resumed
April 21	Thursday	Juniors and Seniors excused to attend annual meetings of the Medical & Chirurgical Faculty
April 22	Friday	
May 17	Tuesday	Senior classes cease at 5:00 p.m.
May 21	Saturday	Junior classes cease at 2:00 p.m.
May 23	Monday	Freshman and Sophomore examinations begin
May 30	Monday	Holiday—Memorial Day
May 31	Tuesday	Announcement of graduates
June 4	Saturday	Commencement Second Semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1955-1956

1955

September 7, 8, 9		Re-examinations for advancement
September 13	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 14	Wednesday	*Registration, payment of fees, all other students
September 15	Thursday	Instruction begins

* All students are expected to complete their registration, including the payment of bills prior to or on regular registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

THOMAS B. SYMONS, D.AGR., *Acting President and Executive Officer*

HARRY CLIFTON BYRD, B.S., LL.D., D.Sc., *President Emeritus*

BOARD OF REGENTS

	<i>Term Expires</i>
WILLIAM P. COLE, JR., <i>Chairman</i>	Baltimore..... 1958
MRS. JOHN L. WHITEHURST, <i>Vice Chairman</i>	Baltimore..... 1956
B. HERBERT BROWN, <i>Secretary</i>	Baltimore..... 1960
LOUIS L. KAPLAN, <i>Asst. Secretary</i>	Baltimore..... 1961
HARRY H. NUTTLE, <i>Treasurer</i>	Denton..... 1957
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E. PAUL KNOTTS.....	Denton..... 1954
ARTHUR O. LOVEJOY.....	Baltimore..... 1960
CHARLES P. MCCORMICK.....	Baltimore..... 1957
C. EWING TUTTLE.....	Baltimore..... 1962

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Advisory Board, Council, or Committee composed of the Dean and members of its faculty, which controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
 The School of Law
 The School of Medicine
 The School of Nursing
 The School of Pharmacy
 The College of Special and Continuation Studies
 (Baltimore Division)

At College Park

The College of Agriculture
 The College of Arts and Sciences

The College of Business and Public
 Administration

The College of Education

The Glenn L. Martin College of
 Engineering and Aeronautical
 Sciences

The College of Home Economics

The Graduate School

The College of Military Science

The College of Physical Education,
 Recreation and Health

The College of Special and Con-
 tinuation Studies

The Summer School

ADMINISTRATIVE OFFICERS

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Thomas B. Symons, D.Agr.....	<i>Acting President</i>
William S. Stone, M.S., M.D., Ph.D.....	<i>Director, Medical Education and Research</i>
H. Boyd Wylie, M.D.....	<i>Dean</i>
O. G. Harne.....	<i>Assistant to the Dean</i>
Edgar F. Long, Ph.D.....	<i>Dean of Students</i>
Alma H. Preinkert, M.A. ⁵	<i>Registrar</i>
Norma J. Azlein, A.B.....	<i>Associate Registrar</i>
G. Watson Algire, M.S.....	<i>Director of Admissions and Registrations</i>

⁵ Died Feb. 28, 1954.

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

J. M. H. ROWLAND, M.D., D.Sc., LL.D.

Professor of Obstetrics, Emeritus; Dean, Emeritus⁶

HENRY J. WALTON, M.D.....Professor of Roentgenology, Emeritus

PAGE EDMUNDS, M.D.....Professor of Traumatic Surgery, Emeritus

RUTH LEE BRISCOE.....Librarian, Emeritus

IRVING J. SPEAR, M.D.....Professor of Neurology, Emeritus

CARL L. DAVIS, M.D.....Professor of Anatomy, Emeritus

ARTHUR M. SHIPLEY, M.D., D.Sc.....Professor of Surgery, Emeritus

CLYDE A. CLAPP, M.D.....Professor of Ophthalmology, Emeritus

ANDREW C. GILLIS, M.A., M.D., D.Sc., LL.D.....Professor of Neurology, Emeritus

EDGAR B. FRIEDENWALD, M.D.....Professor of Clinical Pediatrics, Emeritus

CHARLES BAGLEY, JR., M.A., M.D.....Professor of Neurological Surgery, Emeritus

WAITMAN F. ZINN, M.D.....Professor of Otolaryngology, Emeritus

F. L. JENNINGS, M.D.....Professor of Clinical Surgery, Emeritus

THOMAS R. CHAMBERS, A.B., M.D.....Associate Professor of Surgery, Emeritus

CHARLES W. MAXSON, M.D.....Associate Professor of Surgery, Emeritus

FRANK W. HACHTEL, M.D.....Professor of Bacteriology, Emeritus

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O. G. HARNE, *Secretary*

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T. NELSON CAREY

C. JELLEFF CARR

CARL DAME CLARKE

RICHARD G. COBLENTZ

BEVERLEY C. COMPTON

EDWARD F. COTTER

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ZACHARIAH MORGAN

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H. WHITMAN NEWELL

THOMAS R. O'ROURK

D. J. PESSAGNO

H. R. PETERS

MAURICE C. PINCOFFS

JAMES H. RAMSEY

⁶ Died July 26, 1954.

J. MORRIS REESE	HUGH R. SPENCER	CHARLES VAN BUSKIRK
CHARLES A. REIFSCHNEIDER	EDWARD STEERS	RAYMOND E. VANDERLINDE
DEXTER L. REIMANN	EDWIN H. STEWART, JR.	ALLEN F. VOSHELL
HARRY M. ROBINSON, SR.	MATTHEW L. TABACK	JOHN A. WAGNER
MILTON S. SACKS	W. HOUSTON TOULSON	C. GARDNER WARNER
EMIL G. SCHMIDT	WILLIAM H. TRIPLETT	JOHN I. WHITE
ANDREW G. SMITH	ROY B. TURNER	WALTER D. WISE
DIETRICH C. SMITH	EDUARD UHLENHUTH	CHARLES C. WISSEMAN, JR.
FREDERICK B. SMITH	HENRY F. ULLRICH	THEODORE E. WOODWARD
		GEORGE H. YEAGER

ADVISORY COMMITTEE OF THE FACULTY

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J. EDMUND BRADLEY	J. MASON HUNDLEY	EDUARD UHLENHUTH
JOHN M. DENNIS	JOHN C. KRANTZ, JR.	CHARLES C. WISSEMAN, JR.
ROBERT B. DODD	MAURICE C. PINCOFFS	THEODORE E. WOODWARD
LOUIS H. DOUGLASS	EMIL G. SCHMIDT	H. BOYD WYLIE, Dean
C. REID EDWARDS	HUGH R. SPENCER	<i>Chairman</i>
JACOB E. FINESINGER		

FACULTY OF MEDICINE

PROFESSORS

Myron S. Aisenberg, D.D.S., Professor of Pathology, School of Dentistry.
 William R. Amberson, Ph.D., Professor of Physiology and Head of the Department.
 James G. Arnold, Jr., M.D., Professor of Neurological Surgery and Head of the Division.²
 Joseph C. Biddix, Jr., D.D.S., Professor of Oral Diagnosis, School of Dentistry.
 J. Edmund Bradley, M.D., Professor of Pediatrics and Head of the Department.
 Otto C. Brantigan, B.S., M.D., Professor of Surgical Anatomy, Clinical and Thoracic Surgery.
 T. Nelson Carey, M.D., Professor of Clinical Medicine.
 C. Jelleff Carr, Ph.D., Professor of Pharmacology.
 Richard G. Coblentz, M.A., M.D., Professor of Clinical Neurological Surgery.
 John M. Dennis, B.S., M.D., Professor of Radiology and Head of the Department.^{2a}
 Edward C. Dobbs, D.D.S., Professor of Pharmacology, School of Dentistry.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1954 to June 30, 1955 unless otherwise indicated. Changes are noted as follows:

¹ Appointments effective July 1, 1954.

² Promotions effective July 1, 1954.

³ Resignations effective July 1, 1954.

⁴ Retirements.

⁵ Deaths.

⁶ Leave of absence.

*Part time.

- Robert B. Dodd, M.D., Professor of Anesthesiology and Head of the Department.
 Brice M. Dorsey, D.D.S., Professor of Oral Surgery, School of Dentistry.
 Louis H. Douglass, M.D., Professor of Obstetrics and Head of the Department.
 Charles Reid Edwards, M.D., Professor of Surgery and Acting Head of the Department.
 Monte Edwards, M.D., Clinical Professor of Surgery and Professor of Proctology.
 Ray Ehrensberger, Ph.D., Professor of Speech, College of Arts and Sciences.
 Frank H. J. Figge, Ph.D., Professor of Anatomy.
 Jacob E. Finesinger, M.D., Professor of Psychiatry and Head of the Department.
 Russell S. Fisher, B.S., M.D., Professor and Head of the Division of Legal Medicine.
 Grason W. Gaver, D.D.S., Professor of Dental Prosthetics, School of Dentistry.
 Maurice H. Greenhill, M.D., Professor of Psychiatry.²
 Harry C. Hull, M.D., Professor of Clinical Surgery.
 J. Mason Hundley, Jr., M.A., M.D., Professor of Gynecology and Head of the Department.
 Elliott H. Hutchins, M.A., M.D., Professor of Surgery.⁵
 C. Loring Joslin, M.D., Professor of Pediatrics.
 Edward A. Kitlowski, A.B., M.D., Clinical Professor of Plastic Surgery.
 John C. Krantz, Jr., Ph.D., D.Sc., Professor of Pharmacology and Head of the Department.
 Louis A. M. Krause, M.D., Professor of Clinical Medicine.
 Kenneth D. Legge, M.D., Professor of Clinical Urology.
 William S. Love, A.B., M.D., Professor of Clinical Medicine.
 Theodore H. Morrison, M.D., Clinical Professor of Gastro-Enterology.
 Alfred T. Nelson, M.D., Clinical Professor of Anesthesiology.
 James W. Nelson, M.D., Professor of Clinical Medicine.
 Ernest B. Nuttall, D.D.S., Professor of Crown and Bridge, School of Dentistry.
 Thomas R. O'Rourke, M.D., Professor of Otolaryngology and Head of the Division.
 D. J. Pessagno, A.B., M.D., Professor of Clinical Surgery.
 H. Raymond Peters, A.B., M.D., Professor of Clinical Medicine
 Maurice C. Pincoffs, B.S., M.D., Professor of Medicine³, Professor and Head of the Department of Preventive Medicine and Rehabilitation.¹
 Kyrle W. Preis, D.D.S., Professor of Orthodontics, School of Dentistry.
 Kenneth V. Randolph, D.D.S., Professor of Operative Dentistry, School of Dentistry.
 Charles A. Reifschneider, M.D., Clinical Professor of Traumatic Surgery.
 John R. Reid, Ph.D., Professor of Philosophy in Psychiatry.
 Harry M. Robinson, Sr., M.D., Professor of Dermatology.
 Harry L. Rogers, M.D., Clinical Professor of Orthopaedic Surgery.
 Emil G. Schmidt, Ph.D., LL.B., Professor of Biological Chemistry and Head of the Department.
 Dietrich Conrad Smith, Ph.D., Professor of Physiology, Assistant Director Postgraduate Committee.
 Hugh R. Spencer, M.D., Professor of Pathology and Head of the Department.
 Thomas P. Sprunt, A.B., M.D., Professor of Clinical Medicine.³
 W. Houston Toulson, M.Sc., M.D., Professor of Urology.
 I. Ridgeway Trimble, M.D., Professor of Clinical Surgery.
 Eduard Uhlenhuth, Ph.D., Professor of Anatomy and Head of the Department.
 Charles Van Buskirk, A.B., M.S., M.D., Ph.D., Professor and Head of the Division of Neurology.¹
 Allen Fiske Voshell, A.B., M.D., Professor of Orthopaedic Surgery.

⁵ Died Aug. 24, 1953.

Huntington Williams, M.D., Dr. P.H., Professor of Hygiene and Public Health.

Walter D. Wise, M.D., Professor of Surgery.

Charles Louis Wisseman, Jr., A.B., M.S., M.D., Professor of Microbiology and Head of the Department.¹

Theodore E. Woodward, M.D., Professor of Medicine and Head of the Department.²

George H. Yeager, B.S., M.D., Professor of Clinical Surgery and Director of Clinical Research.

ASSOCIATE PROFESSORS

Merle Ansberry, Ph.D., Associate Professor of Speech, College of Arts and Sciences.

H. M. Bubert, M.D., Associate Professor of Medicine.

Carl Dame Clarke, Associate Professor of Art as Applied to Medicine.

Ernest I. Cornbrooks, Jr., A.B., M.D., Associate Professor of Gynecology.²

Edward F. Cotter, M.D., Associate Professor of Medicine.

Charles N. Davidson, M.D., Associate Professor of Radiology.

Ross Davies, M.D., Associate Professor of Hygiene and Public Health.

J. Sheldon Eastland, A.B., M.D., Associate Professor of Medicine.

Francis A. Ellis, A.B., M.D., Associate Professor of Dermatology.

A. H. Finkelstein, M.D., Associate Professor of Pediatrics.

Leon Freedom, M.D., Associate Professor of Neurology.

Frederick P. Ferguson, Ph.D., Associate Professor of Physiology.

Samuel L. Fox, Ph.G., B.S., M.D., Associate Professor of Otolaryngology, Instructor in Physiology.

William L. Garlick, A.B., M.D., Associate Professor of Thoracic Surgery, Associate in Surgery.

Moses Gellman, B.S., M.D., Associate Professor of Orthopaedic Surgery.

Gordon E. Gibbs,^{3b} A.B., M.A., Ph.D., M.D., Associate Professor of Clinical Pediatric Research.

Lewis P. Gundry, M.D., Associate Professor of Medicine.

Manfred S. Guttmacher, A.B., M.D., Associate Clinical Professor of Psychiatry.

Paul R. Hackett, A.B., M.D., Associate Professor of Anesthesiology.

O. G. Harne, Associate Professor of Anatomy and Asst. to the Dean.

Edward J. Herbst, Ph.D., Associate Professor of Biological Chemistry.

Cyrus F. Horine, M.D., Associate Professor of Surgery.

Albert Jaffe, M.D., Associate Clinical Professor of Pediatrics.

Edward S. Johnson, M.D., Associate Professor of Surgery.

D. Frank Kaltreider, A.B., M.D., Associate Professor of Obstetrics.

Fayne A. Kayser, M.D., Associate Professor of Otolaryngology.

Vernon E. Krah, B.S., M.S., Ph.D., Associate Professor of Anatomy.

Frederick T. Kyper, M.D., Associate Professor of Otolaryngology.

H. Vernon Langeluttig, A.B., M.D., Associate Professor of Medicine.

Ephraim T. Lisansky, A.B., M.D., Associate Professor of Medicine, Associate in Psychiatry.

Henry J. L. Marriott, A.B., B.M., Associate Professor of Medicine and Head of the Division of Physical Diagnosis.

Walter C. Merkel, A.B., M.D., Associate Professor of Pathology.

Effective appointment dates: Professors.

^{2a} Sept. 1, 1953.

^{3b} Resigned Aug. 31, 1954.

Samuel Morrison, A.B., M.D., Associate Professor of Medicine and Gastro-enterology.
 H. Whitman Newell, M.D., Associate Professor of Psychiatry.
 C. W. Peake, M.D., Associate Professor of Surgery.
 J. Morris Reese, M.D., Associate Professor of Obstetrics.
 Dexter L. Reimann, B. S., M.D., Associate Professor of Pathology.
 Samuel T. R. Revell, Jr., A.B., M.D., Associate Professor of Medicine.
 Benjamin S. Rich, A.B., M.D., Associate Professor of Otolaryngology.
 Harry M. Robinson, Jr., B.S., M.D., Associate Professor of Dermatology.
 Ida M. Robinson, A.B., B.S.L.S., Associate Professor of Library Science.
 Milton S. Sacks, M.D., Associate Professor of Medicine and Head of the Division of Clinical Pathology, Associate in Pathology.
 Isadore A. Siegel, A.B., M.D., Associate Professor of Obstetrics.
 Frederick B. Smith, M.D., Associate Professor of Pediatrics.
 William H. Smith, M.D., Associate Professor of Clinical Medicine.
 Edward Steers, Ph.D., Associate Professor of Bacteriology.
 George F. Sutherland, M.D., Associate Professor of Psychiatry.
 Henry F. Ullrich, M.D., D.Sc., Associate Professor of Orthopaedic Surgery.
 Raymond E. Vanderlinde, Ph.D., Associate Professor of Biological Chemistry.²
 John A. Wagner, B.S., M.D., Associate Professor of Pathology.
 W. Wallace Walker, M.D., Associate Professor of Surgery and Surgical Anatomy.
 C. Gardner Warner, A.B., M.D., Associate Professor of Pathology.
 William H. F. Warthen, A.B., M.D., Associate Professor of Hygiene & Public Health.
 T. Conrad Wolff, M.D., Associate Professor of Medicine and Head of the Division of Physical Diagnosis.⁵
 Robert B. Wright, B.S., M.D., Associate Professor of Pathology.

ASSISTANT PROFESSORS

Thurston R. Adams, M.D., Assistant Professor of Surgery and Proctology.
 Marie A. Andersch, Ph.D., Assistant Professor of Biochemistry in Medicine.
 Ruth W. Baldwin, M.D., Assistant Professor of Pediatrics, Director Pediatric Seizure Clinic.²
 Donald J. Barnett, M.D., Assistant Professor of Roentgenology.^{3a}
 Robert E. Bauer, A.B., M.D., Assistant Professor of Medicine.
 Edmund G. Beacham, A.B., M.D., Assistant Professor of Medicine.
 Howard B. Bensusan, Ph.D., Assistant Professor of Physiological Research.^{1a}
 Klaus W. Berblinger, M.D., Assistant Professor of Psychiatry.²
 Eugene S. Bereston, A.B., M.D., Assistant Professor of Dermatology.
 Annie M. Bestebreurtje, B.S., M.D., Assistant Professor of Pediatrics.⁶
 H. F. Bongardt, M.D., Assistant Professor of Surgery.
 Robert P. Boudreau, A.B., M.D., Assistant Professor of Radiology.¹
 Harry C. Bowie, B.S., M.D., Assistant Professor of Surgery, Associate in Surgical Anatomy.
 Leo Brady, A.B., M.D., Assistant Professor of Gynecology.
 Simon H. Brager, M.D., Assistant Professor of Surgery and Proctology.
 Charles F. Brambel, A.M., Ph.D., Assistant Professor of Medicine.
 Raymond M. Burgison, Ph.D., Assistant Professor of Pharmacology.

⁵ Died Aug. 25, 1953.

^{3a} Resigned Dec. 15, 1953.

⁶ Leave of absence.

- Beverley C. Compton, A.B., M.D., Assistant Professor of Gynecology.
R. Adams Cowley, M.D., Assistant Professor Thoracic Surgery, Director Cardio-Pulmonary Service, and Assistant Director Experimental Surgery.²
J. G. N. Cushing, M.D., Assistant Professor of Psychiatry.
John DeCarlo, A.B., M.D., Assistant Professor of Radiology.
Francis G. Dickey, M.D., Assistant Professor of Medicine.²
Wm. K. Diehl, B.S., M.D., Assistant Professor of Gynecology.
Everett S. Diggs, B.S., M.D., Assistant Professor of Gynecology.
William Carl Ebeling III, M.D., Assistant Professor of Medicine.²
William W. Elgin, M.D., Assistant Professor of Psychiatry.
Maurice Feldman, M.D., Assistant Professor of Gastro-Enterology.
Jerome Fineman, M.D., Assistant Professor of Pediatrics.
Wetherbee Fort, M.D., Assistant Professor of Medicine.
Henry C. Freimuth, Ph.D., Assistant Professor of Legal Medicine.
Frank J. Geraghty, A.B., M.D., Assistant Professor of Medicine.
Francis W. Gillis, M.D., Assistant Professor of Urology.
Samuel S. Glick, M.D., Assistant Professor of Pediatrics.
Albert E. Goldstein, M.D., Assistant Professor of Pathology.
George Govatos, A.B., M.D., Assistant Professor of Surgery.
Robert G. Grenell, B.A., M.Sc., Ph.D., Assistant Professor Psychiatric Research.
John S. Haines, A.B., M.D., Assistant Professor of Urology.
John F. Hogan, M.D., Assistant Professor of Urology.
Benjamin H. Isaacs, A.B., M.D., Assistant Professor of Otolaryngology.
Meyer W. Jacobson, A.B., M.D., Assistant Professor of Medicine.
James R. Karns, B.S., M.D., Assistant Professor of Medicine, Director Student Health Service.
F. Edwin Knowles, Jr., M.D., Assistant Professor of Ophthalmology and Chairman of the Department.⁵
C. Edward Leach, M.D., Assistant Professor of Medicine.
Samuel Legum, M.D., Assistant Professor of Medicine.
Philip L. Lerner, M.D., Assistant Professor of Neurology.
Lester M. Libo, A.M., Ph.D., Assistant Professor of Medical Psychology.²
Hans W. Loewald, M.D., Assistant Professor of Psychiatry.
William V. Lovitt, Jr., B.S., M.D., Assistant Professor of Legal Medicine.
John F. Lutz, A.B., M.D., Assistant Professor of Anatomy.³
H. Patterson Mack, M.D., Assistant Professor of Anatomy.²
Howard B. Mays, M.D., Assistant Professor of Genito-Urinary Surgery, Instructor in Urology and Pathology.
W. Raymond McKenzie, M.D., Assistant Professor of Otolaryngology.
Karl F. Mech, B.S., M.D., Assistant Professor of Anatomy, Associate in Surgery,¹ Instructor in Pathology.
George G. Merrill, M.D., Assistant Professor of Neurology.
Zachariah Morgan, M.D., Assistant Professor of Gastro-Enterology.
F. K. Morris, A.B., M.D., Assistant Professor of Gynecology.²
Hugh B. McNally, B.S., M.D., Assistant Professor of Obstetrics.
S. Edwin Muller, A.B., M.D., Assistant Professor of Medicine.
Harry M. Murdock, B.S., M.D., Assistant Professor of Psychiatry.
George McLean, M.D., Assistant Professor of Medicine.

⁵ Died June 5, 1954.

Robert T. Parker, A.B., M.D., Assistant Professor of Medicine.
 Otto C. Phillips, A.B., M.D., Clinical Assistant Professor of Anesthesiology.¹
 James H. Ramsey, M.D., Assistant Professor of Pathology.²
 I. O. Ridgely, M.S., M.D., Assistant Professor of Surgery.
 William F. Rienhoff, M.D., Assistant Professor of Surgery.
 Robert A. Reiter, M.D., Assistant Professor of Medicine.
 R. C. V. Robinson, B.S., M.D., Assistant Professor of Dermatology.
 John E. Savage, B.S., M.D., Assistant Professor of Obstetrics.
 Sidney Scherlis, M.D., Assistant Professor of Medicine, Associate in Pediatrics.
 Kathryn L. Schultz, M.D., Assistant Professor of Psychiatry.
 Theodore A. Schwartz, M.D., Assistant Professor of Otolaryngology.
 William M. Seabold, M.D., Assistant Professor of Pediatrics.
 Lawrence M. Serra, M.D., Assistant Professor of Medicine.
 William B. Settle, M.D., Assistant Professor of Surgical Anatomy, Associate in Surgery.
 Albert Shapiro, B.S., M.D., Assistant Professor of Dermatology.
 Arthur G. Siwinski, A.B., M.D., Assistant Professor of Surgery.
 Andrew G. Smith, Ph.D., Assistant Professor of Microbiology.
 Edward P. Smith, M.D., Ph.G., Assistant Professor of Gynecology.
 Sol Smith, M.D., Assistant Professor of Medicine.
 Merrill J. Snyder, B.S., Ph.D., Assistant Professor of Medicine in Clinical Microbiology;
 Instructor in Microbiology.
 Matthew L. Taback, A.B., A.M., D.Sc., Assistant Professor of Hygiene and Public Health.
 Harry Teitelbaum, B.S., M.D., Ph.D., Assistant Professor of Medicine.
 Raymond K. Thompson, B.S., M.D., Assistant Professor of Neurological Surgery.²
 Roy B. Turner, B.S., M.D., Assistant Professor of Pathology.²
 Gibson J. Wells, M.D., Assistant Professor of Pediatrics.
 John I. White, Ph.D., Assistant Professor of Physiology.
 Milton J. Wilder, M.D., Assistant Professor of Orthopedic Surgery.
 Joseph B. Workman, A.B., M.D., Assistant Professor of Medicine.²
 Israel Zeligman, A.B., M.D., Assistant Professor of Dermatology.

ASSOCIATES

Conrad B. Acton, M.D., Associate in Medicine, Instructor in Pathology.
 Leon Ashman, B.S., M.D., Associate in Medicine.
 J. Tyler Baker, B.S., M.D., Associate in Obstetrics.
 Margaret B. Ballard, M.D., Associate in Obstetrics.
 Robert Z. Berry, A.B., M.D., Associate in Otolaryngology.
 Louis V. Blum, M.D., Associate in Medicine.
 Henry A. Briele, M.D., Associate in Postgraduate Surgery.
 J. E. Brumback, Jr., B.S., M.D., Associate in Ophthalmology²
 William R. Bundick, M.D., Associate in Dermatology.
 Harold H. Burns, M.D., Associate in Surgery.
 M. Paul Byerly, M.D., Associate in Medicine.
 Osborne D. Christensen, M.D., Associate in Obstetrics.
 Jonas Cohen, M.D., Associate in Medicine.
 Morris M. Cohen, M.D., Associate in Dermatology.²

Effective appointment dates: Assistant Professors.

^{1a} Nov. 1, 1953 to Sept. 30, 1954.

^{1b} Dec. 1, 1953.

- E. Eugene Covington, M.D., Associate in Oncology.²
William F. Cox, III, M.D., Associate in Medicine.
Robert M. N. Crosby, M.D., Associate in Neurological Surgery,² Instructor in Pediatrics.
Raymond M. Cunningham, B.S., M.D., Associate in Proctology, Instructor in Anatomy and Pathology, Assistant in Surgery.²
Edward R. Dana, A.B., M.D., Associate in Radiology.
George H. Davis, A.B., M.D., Associate in Obstetrics.²
John B. DeHoff, M.D., Associate in Medicine.
D. McClelland Dixon, M.D., Associate in Obstetrics.
William A. Dodd, B.S., M.D., Associate in Gynecology, Assistant in Obstetrics.
J. J. Erwin, M.D., Associate in Gynecology.
L. K. Fargo, M.D., Associate in Urology.
William L. Fearing, M.D., Associate in Neurology.
Donald E. Fisher, M.D., Associate in Pathology.
William H. Fisher, M.D., Associate in Postgraduate Surgery.
Irving Freeman, M.D., Associate in Medicine.
Joseph E. Furnari, M.D., Associate in Medicine and Director Medical Out-Patient Department.
Perry O. Futterman, A.B., M.D., Associate in Medicine.⁶
Louis C. Gareis, B.S., M.D., Associate in Obstetrics.²
Jason H. Gaskel, M.D., Associate in Orthopaedic Surgery.²
Paul F. Guerin, M.D., Associate in Legal Medicine.^{1a}
Isaac Gutman, M.D., Associate in Orthopaedic Surgery.²
Raymond F. Helfrich, A.B., M.D., Associate in Surgery.
William G. Helfrich, B.S., M.D., Associate in Medicine.²
W. Grafton Herspberger, M.D., Associate in Medicine.
Mark B. Hollander, A.B., M.D., Associate in Dermatology.²
Henry W. J. Holljes, M.D., Associate in Medicine, Director Medical Care Clinic.
Z. Vance Hooper, M.D., Associate in Gastro-Enterology.
Clewell Howell, B.S., M.D., Associate in Pediatrics.
Joseph V. Jerardi, B.S., M.D., Associate in Surgery.
Hugh J. Jewett, M.D., Associate in Urology.
Theodore Kardash, B.S., M.D., Associate in Gynecology.²
Arthur Karfgin, B.S., M.D., Associate in Medicine.
Walter Karfgin, M.D., Associate in Medicine.
Joseph I. Kemler, M.D., Associate in Ophthalmology.
Albert W. Kitts, M.D., Associate in Postgraduate Pediatrics.
Elizabeth LaForge, M.S.S., Associate in Psychiatric Social Work.
Richard Lindenberg, M.D., Associate in Legal Medicine.
H. Edmund Levin, M.D., Associate in Microbiology.
Kurt Levy, M.D., Associate in Medicine.
F. Ford Loker, B.S., M.D., Associate in Surgery.
William B. Long, M.D., Associate in Postgraduate Surgery.
G. Bowers Mansdorfer, B.S., M.D., Associate in Pediatrics.
William J. McClafferty, M.D., Associate in Legal Medicine.³
Lyle J. Millan, M.D., Associate in Urology.
Joseph M. Miller, M.D., Associate in Surgery.
Stanley Miller, B.A., M.D., Associate in Medicine.²

³ Resigned December 31, 1953.

⁶ Leave of absence.

Donald W. Mintzer, M.D., Associate in Medicine.
 J. Huff Morrison, B.S., M.D., Associate in Obstetrics.
 William H. Mosberg, Jr., M.D., Associate in Neurosurgery.
 Patrick C. Phelan, Jr., A.B., M.D., Associate in Surgery.
 Ross Z. Pierpont, M.D., Associate in Surgical Anatomy, Assistant in Surgery.
 J. Emmett Queen, M.D., Associate in Medicine.
 Herbert E. Reifschneider, A.B., M.D., Associate in Surgery and Surgical Anatomy.
 Martin A. Robbins, M.D., Associate in Urology.
 John D. Rosin, A.B., M.D., Associate in Proctology.²
 Clarence P. Scarborough, M.D., Associate in Plastic Surgery.
 Leonard Scherlis, B.S., M.D., Associate in Medicine.
 William M. Seabold, A.B., M.D., Associate in Pediatrics.
 J. King B. E. Seeger, Jr., A.B., M.D., Associate in Obstetrics.²
 Robert C. Sheppard, M.D., Associate in Surgery.
 Jerome Sherman, M.D., Associate in Medicine.²
 E. Roderick Shipley, A.B., M.D., Associate in Surgery.
 Benedict Skitarelic, A.B., M.D., Associate in Pathology.
 Ruby A. Smith, B.S., M.D., Associate in Ophthalmology.²
 Melchijah Spragins, B.S., M.D., Associate in Pediatrics.
 Edwin H. Stewart, Jr., M.D., Associate in Surgery.
 William T. Supic, M.D., Associate in Proctology.
 Wilfred H. Townshend, Jr., A.B., M.D., Associate in Medicine.
 Stephen J. Van Lill, A.B., M.D., Associate in Medicine.
 William K. Waller, M.D., Associate in Medicine.
 Arthur Ward, M.D., Associate in Otolaryngology.
 Daniel Wilfson, Jr., A.B., M.D., Associate in Medicine.
 Austin H. Wood, M.D., Associate in Urology.
 John D. Young, Jr., M.D., Associate in Urology.

LECTURERS

Janet B. Hardy, A.B., M.D., Lecturer in Pediatrics.
 Amedeo S. Marrazzi, M.D., Lecturer in Pharmacology.
 John L. Peck, M.D., Lecturer in Pediatrics.
 William H. Summerson, Ph.D., Lecturer in Biological Chemistry.
 Joseph M. White, III, B.S., M.D., Lecturer in Pharmacology.
 J. Henry Wills, Ph.D., Lecturer in Physiology.

INSTRUCTORS

Robert C. Abrams, M.D., Instructor in Orthopaedic Surgery.²
 A. Russell Anderson, M.D., Instructor in Psychiatry.
 David Bacharach, A.B., M.D., Instructor in Dermatology.
 Melvin N. Borden, M.D., Instructor in Pediatrics.
 Francis J. Borges, M.D., Instructor in Medicine²
 Carlton Brinsfield, A.B., M.D., Instructor in Anatomy.^{1a*}
 George H. Brouillet, B.S., M.D., Instructor in Surgery.
 Ann Virginia Brown, A.B., Instructor in Biological Chemistry.

Effective appointment dates: Associates.

^{1a} April 1, 1954.

- Lida C. Brown, M.D., Instructor in Psychiatry.²
William J. Bryson, A.B., M.D., Instructor in Pathology.
Bernard Burgin, A.B., M.D., Instructor in Medicine.
Enoch Callaway, Jr., A.B., M.D., Instructor in Psychiatry.
Lester H. Caplan, M.D., Instructor in Pediatrics.
Joseph P. Cappuccio, D.D.S., Instructor in Oral Surgery, School of Dentistry.
John W. Chambers, M.D., Instructor in Neurosurgery, Assistant in Surgery.
Thomas A. Christensen, A.B., M.D., Instructor in Pediatrics.
Raymond L. Clemmens, B.S., M.D., Instructor in Pediatrics, Director Developmental Clinic.¹
B. Stanley Cohen, M.D., Instructor in Medicine.¹
Herbert B. Copeland, M.D., Instructor in Radiology.
Joseph M. Cordi, M.D., Instructor in Pediatrics.
Richard J. Cross, B.S., M.D., Instructor in Ophthalmology and Otolaryngology.
John R. Davis, M.D., Instructor in Medicine.
W. Allen Deckert, A.B., M.D., Instructor in Gynecology, Assistant in Surgery.
Michael L. DeVincentis, B.S., M.D., Instructor in Surgery.
William C. Duffy, A.B., M.D., Instructor in Gynecology.
Ralph L. Dunlap, Ph.D., Instructor in Medical Psychology.¹
Maurice Feldman, Jr., A.B., M.D., Instructor in Medicine.
Edward G. Field, M.D., Instructor in Pediatrics.
Joseph C. Fitzgerald, M.D., Instructor in Experimental Medicine.^{1a}
William N. Fitzpatrick, M.D., Instructor in Psychiatry.
Philip D. Flynn, M.D., Instructor in Medicine.
Joseph E. Furnari, M.D., Instructor in Medicine.
L. Calvin Gareis, B.S., M.D., Instructor in Pathology, Assistant in Gynecology.
D. Carleton Gatdusek, B.A., M.D., Instructor in Experimental Medicine.
Marvin Goldstein, A.B., M.D., Instructor in Medicine.
Howard Goodman, M.D., Instructor in Pediatrics.
Louis E. Goodman, M.D., Instructor in Surgery.
Bernard S. Gordon, M.D., Instructor in Psychiatry.
H. L. Granoff, A.B., M.D., Instructor in Gynecology.
Richard J. Gross, M.D., Instructor in Otolaryngology and in Ophthalmology.
Samuel J. Hankin, M.D., Instructor in Medicine.
Charles W. Hawkins, M.D., Instructor in Anatomy.
Mary L. Hayleck, M.D., Instructor in Pediatrics.
Robert F. Healy, M.D., Instructor in Surgery.
Elizabeth C. Heinz, A.B., Junior Instructor in Microbiology.
L. Ann Hellen, B.S., Instructor in Medicine.
John A. Hightower, M.D., Instructor in Experimental Medicine.
Sylvia Himmelfarb, A.B., Instructor in Physiology.
John H. Hirschfield, M.D., Instructor in Otolaryngology.
Charles F. Hobelman, A.B., M.D., Clinical Instructor in Anesthesiology.^{1a}
J. Donald Hubbard, A.B., M.D., Instructor in Pathology.¹
Calvin Hyman, M.D., Instructor in Surgery.
Conrad L. Inman, D.D.S., Instructor in Anesthesiology, School of Dentistry.
Joseph A. Jachimczyk, M.D., Instructor in Legal Medicine.^{3a}
Marvin Jaffe, M.D., Instructor in Psychiatry.²

^{3a} Resigned Dec. 31, 1953.

Marshall I. Kader, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Edward S. Kallins, B.S., M.D., Instructor in Medicine.
William H. Kammer, Jr., A.B., M.D., Instructor in Medicine.
Harry F. Kane, M.D., Instructor in Gynecology.
Theodore Kardash, B.S., M.D., Instructor in Pathology.
Clyde F. Karns, B.S., M.D., Instructor in Surgery.
Lester Keifer, B.S., M.D., Instructor in Pathology.¹
Irvin B. Kemick, B.S., Ph.G., M.D., Instructor in Medicine.
Lauriston L. Keown, M.D., Instructor in Medicine.
Leon A. Kochman, M.D., Instructor in Medicine.
Schuyler G. Kohl, B.S., M.D., Instructor in Obstetrics.
Edward L. J. Krieg, M.D., Instructor in Pathology.
A. Kremen, A.B., M.D., Instructor in Ophthalmology.
Arnold F. Lavenstein, M.D., Instructor in Pediatrics.
Algert P. Lazauskas, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Franklin E. Leslie, A.B., M.D., Instructor in Medicine.
Howard S. Liang, M.D., Instructor in Anesthesiology.^{1b}
Barbara A. Lyons, A.B., Junior Instructor in Medicine.^{1f}
Helen I. Maginnis, M.D., Instructor in Gynecology.
William W. Magruder, M.D., Instructor in Psychiatry.
Joseph C. Matchar, A.B., M.D., Instructor in Medicine.
Marion W. Mathews, A.B., M.S., M.D., Instructor in Psychiatry.
Robert E. McCafferty, B.S., M.S., Ph.D., Instructor in Anatomy.
Frances C. McGrath, M.S.S.W., Instructor in Psychiatric Social Work.^{1d}
Francis J. McLaughlin, M.D., Instructor in Psychiatry.
D. J. McHenry, B.S., M.D., Instructor in Ophthalmology.
José Medina, D.D.S., Instructor in Oral Surgery, School of Dentistry.
Herman J. Meisel, M.D., Instructor in Urology.
Joseph H. Menning, A.B., M.D., Instructor in Urology.
Israel P. Meranski, B.S., M.D., Instructor in Pediatrics.
James P. Miller, M.D., Instructor in Orthopaedic Surgery.
J. Duer Moores, B.S., M.D., Instructor in Surgery.
Joseph E. Muse, Jr., B.S., M.D., Instructor in Medicine.
Ruth Musser, M.S., Instructor in Pharmacology.
John A. Myers, M.E.E., M.D., Instructor in Medicine, Assistant in Gastro-Enterology.
James J. Nolan, B.S., M.D., Instructor in Medicine.
Samuel Novey, M.D., Instructor in Psychiatry.
John S. Osborne, M.D., Instructor in Medicine.
Frank J. Otenasek, M.D., Instructor in Neuro-Surgery.
Gerardo B. Polanco, B.S., M.D., Instructor in Pathology.
Benjamin Pope, Ph.D., Instructor in Medical Psychology.
Samuel E. Proctor, A.B., M.D., Instructor in Surgery.
Daniel R. Robinson, M.D., Instructor in Surgery.³
Kent E. Robinson, M.D., Instructor in Psychiatry.
Robert C. Rodgers, M.D., Instructor in Pathology.
James Russo, M.D., Clinical Instructor in Anesthesiology.²
John F. Schaefer, B.S., M.D., Instructor in Surgery.
Marjorie F. Schmale, B.S., M.S.S., Instructor in Psychiatric Social Work.³

³ Resigned Oct. 30, 1953.

Nathan Schnaper, M.D., Instructor in Psychiatry.¹
 Charles E. Shaw, M.D., Instructor in Medicine.
 Elizabeth D. Sherrill, M.D., Instructor in Medicine.
 Albert J. Shochat, B.S., M.D., Instructor in Gastro-Enterology.
 Ursula T. Slager, A.B., M.D., Instructor in Pathology.¹
 Merrill J. Snyder, B.S., Instructor in Microbiology.
 Nathan Snyder, Ph.G., M.D., Instructor in Anatomy.
 Theodore E. Stacy, Ph.G., M.D., Clinical Instructor in Anesthesiology.^{1a}
 Henry F. Startzman, Jr., M.D., Instructor in Radiology.¹
 Thomas M. Stevenson, Jr., Junior Instructor in Art as Applied to Medicine.²
 Jerome Styrt, M.D., Instructor in Psychiatry.³
 Stuart D. Sunday, M.D., Instructor in Medicine.
 Kyle Y. Swisher, Jr., M.D., Instructor in Medicine.¹
 William D. VandeGrift, M.D., Instructor in Pathology.
 Edmond G. Vanden Bosche, D.D.S., Instructor in Oral Surgery School of Dentistry.
 Frederick J. Vollmer, B.S., M.D., Instructor in Medicine.
 Gladys E. Wadsworth, B.S., M.A., Instructor in Anatomy.
 Herbert L. Warres, B.S., M.D., Instructor in Radiology.
 Marcella Weisman, M.S.S., Instructor in Psychiatric Social Work.²
 Charles Herman Williams, M.D., Instructor in Medicine.
 Henry B. Wilson, B.S., M.D., Instructor in Ophthalmology.²
 Margaret S. Wilson, M.S.S., Instructor in Psychiatric Social Work.
 Frederick S. Wolf, M.D., Instructor in Neurology.
 Betsy G. Wootten, M.D., Instructor in Psychiatry.
 Harold L. Zupnik, M.D., Instructor in Surgery.

ASSISTANTS

Garnet E. Affleck, Jr. Assistant in Art as Applied to Medicine.¹
 Fred B. Agee, M.D., Assistant in Medicine.
 José A. Alvarez, M.D., Assistant in Neurological Surgery.
 Anders W. Anderson, M.D., Assistant in Medicine.¹
 John J. Angelo, M.D., Assistant in Plastic Surgery.
 Vahram Aratoon, M.D., Assistant in Ophthalmology.
 Robert K. Arthur, Jr., B.S., M.D., Assistant in Obstetrics.¹
 Harry McB. Beck, A.B., M.D., Assistant in Obstetrics.
 Harold P. Biehl, M.D., Assistant in Surgery.
 Joseph Bierman, M.D., Assistant in Psychiatry.¹
 Jane L. Bleakley, Assistant in Art as Applied to Medicine.
 Kenneth B. Boyd, A.B., M.D., Assistant in Obstetrics.
 A. V. Buchness, A.B., M.D., Assistant in Surgery.
 L. T. Chance, M.D., Assistant in Surgery.
 James N. Cianos, M.D., Assistant in Surgery.
 Raymond J. Clayton, Jr., Assistant in Art as Applied to Medicine.
 Edmund P. Coffay, Sr., M.D., Assistant in Medicine.
 Harry Cohen, B.S., M.D., Assistant in Obstetrics and Pathology.

Effective appointment dates: Instructors.

^{1a} Oct. 1, 1953, to Jan. 31, 1954.

^{1b} May 1, 1954.

^{1c} Dec. 15, 1953.

^{1d} Jan. 1, 1954.

^{1e} June 15, 1953 to June 14, 1954.

^{1f} Sept. 12, 1953.

E. Ellsworth Cook, Jr., M.D., Assistant in Medicine.¹
 Wilford A. Councill, Jr., M.D., Assistant in Urology.¹
 Martha Curtiss, B.S., R.N., Assistant in Medicine, Assistant Director Medical Care Clinic.
 Miriam S. Daly, A.B., M.D., Assistant in Pediatrics (part time).
 Garrett E. Deane, M.D., Assistant in Pediatrics.²
 Leon Donner, M.D., Assistant in Pediatrics.¹
 William C. Dunnigan, A.B., M.D., Assistant in Surgery.
 Daniel Ehrlich, A.B., M.D., Assistant in Obstetrics.⁶
 William G. Esmond, B.S., M.D., Assistant in Medicine.
 Frank Fariano, A.B., M.D., Assistant in Thoracic Surgery.
 Vincent dePaul Fitzpatrick, Jr., A.B., M.D., Assistant in Obstetrics.
 Marion Friedman, M.D., Assistant in Medicine.¹
 William D. Gentry, M.D., Assistant in Obstetrics.
 William R. Geraghty, B.S., M.D., Assistant in Surgery.
 James J. Gerlach, A.B., M.D., Assistant in Otolaryngology.
 Charles Richard Gilbert, M.D., Assistant in Gynecology.
 Martin K. Gorten, M.D., Assistant in Psychiatry.
 William H. Grenzer, M.D., Assistant in Medicine.¹
 Angelino Guido, M.D., Assistant in Ophthalmology.
 Leonard G. Hamberry, A.B., M.D., Assistant in Surgery.
 Thomas D. Haupt, A.B., M.A., Assistant in Medical Psychology.¹
 Donald B. Hebb, A.B., M.D., Assistant in Surgery and Thoracic Surgery.
 Frederick J. Heldrich, Jr., M.D., Assistant in Pediatrics.
 John A. Hightower, M.D., Assistant in Medicine.⁶
 William A. Holbrook, B.S., M.D., Assistant in Surgery.²
 John V. Hopkins, M.D., Assistant in Orthopaedic Surgery.
 Sarah V. Huffer, B.S., M.D., Assistant in Psychiatry.
 Nathan B. Hymen, M.D., Assistant in Radiology.¹
 Everett D. Jones, M.D., Assistant in Orthopaedic Surgery.
 Frank T. Kasik, M.D., Assistant in Medicine.¹
 Vernon C. Kelley, A.B., M.D., Assistant in Obstetrics.
 August Kiel, Jr., M.D., Assistant in Neurological Surgery.
 David M. Kipnis, M.D., Assistant in Medicine.¹
 Irvin P. Klemkowski, B.S., M.D., Assistant in Obstetrics.
 Raymond M. Lauer, M.D., Assistant in Medicine.
 Lee R. Lerman, M.D., Assistant in Dermatology.
 Norman Levin, M.D., Assistant in Obstetrics^{1a} and Gynecology.^{1a}
 William D. Lynn, M.D., Assistant in Surgery.
 Fern E. MacAllister, B.S., M.D., Assistant in Psychiatry.
 Stephen L. Magness, A.B., M.D., Assistant in Medicine.¹
 Arlie R. Mansberger, Jr., M.D., Assistant in Surgery.
 W. Kenneth Mansfield, Jr., M.D., Assistant in Obstetrics.
 Raymond L. Markley, A.B., M.D., Assistant in Gynecology.¹
 Clarence W. Martin, M.D., Assistant in Obstetrics.
 Mary B. Matthews, Assistant in Pediatrics.
 George A. Maxwell, M.D., Assistant in Gynecology.¹
 Howard B. McElwain, M.D., Assistant in Surgery.
 Margaret Elizabeth McGee, Assistant in Psychiatric Social Work.^{1c}

⁶ Leave of absence.

Kathleen McGrady, M.D., Assistant in Pediatrics.
 Kirk Moore, M.D., Assistant in Surgery.
 William A. Niermann, M.D., Assistant in Pediatrics.
 John C. Ozazewski, M.D., Assistant in Ophthalmology.
 Sumner Malone Parham, M.D., Assistant in Obstetrics.
 William F. Peterson, M.D., Assistant in Gynecology.
 Ross Z. Pierpont, M.D., Assistant in Surgery.
 Harry P. Porter, M.D., Assistant in Otolaryngology.
 Edward C. Prevost, M.D., Assistant in Gynecology.²
 John M. Rehberger, M.D., Assistant in Otolaryngology.⁶
 William B. Rever, Jr., M.D., Assistant in Surgery.
 Donald J. Roop, M.D., Assistant in Medicine.¹
 Ernest Scher, M.D., Assistant in Obstetrics.
 George Schimert, B.S., M.D., Assistant in Surgery.²
 Henry Seidel, M.D., Assistant in Pediatrics.^{1b}
 James A. Sewell, M.D., Assistant in Surgery.²
 John O. Sharrett, M.D., Assistant in Neurological Surgery.²
 James H. Shell, Jr., B.S., M.D., Assistant in Obstetrics and Gynecology.
 O. Walter Spurrier, M.D., Assistant in Pediatrics.
 Stanley R. Steinbach, A.B., M.D., Assistant in Medicine.
 Frederick L. Stichell, Jr., M.D., Assistant in Otolaryngology.¹
 Bonnie Strain, M.S.S., Assistant in Psychiatric Social Work.
 John J. Tansey, A.B., M.D., Assistant in Orthopaedic Surgery.
 F. X. Paul Tinker, B.S., M.D., Assistant in Obstetrics.
 T. J. Touhey, M.D., Assistant in Surgery.
 Arnold Tramer, B.S., M.D., Assistant in Pediatrics.
 Roger S. Waterman, M.D., Assistant in Psychiatry.¹
 Thomas C. Webster, B.S., M.D., Assistant in Obstetrics.
 William Earl Weeks, M.D., Assistant in Pediatrics.
 Harold H. Weinberg, M.D., Assistant in Otolaryngology.¹
 Jack Wexler, A.B., M.D., Assistant in Medicine.
 J. Carlton Wich, B.S., M.D., Assistant in Pediatrics.
 David R. Will, M.D., Assistant in Surgery.
 Thomas Worsley, M.D., Assistant in Medicine.
 John H. Young, A.B., M.D., Assistant in Psychiatry.³

RESEARCH ASSOCIATES

Betty J. Fax, Ph.D., Navy Psychiatric Research Fund Research Associate in Psychiatry.
 Grace L. Finesinger, Research Associate in Psychiatry.¹
 Moritz Michaelis, Ph.D., Army Chemical Center Research Associate in Psychiatry.
 John Walker Powell, Ph.D., Research Associate in Psychiatry.³
 Harvey A. Robinson, Ph.D., Research Associate in Psychiatry.

FELLOWS

Tanash H. Atoynatan, M.D., Fellow in Psychiatry.¹
 Alice M. Band, A.B., M.D., Baltimore Rh Typing Laboratory Fellow in Medicine.

Effective appointment date: Assistants.

^{1a} Nov. 1, 1953.

^{1b} Oct. 1, 1953.

Charles Bagley III, B.S., M.D., Fellow in Psychiatry.^{1g}
 Frederick K. Bell, Ph.D., Fellow in Pharmacology.
 Brigitte E. Blankenhorn, B.A., Research Fellow in Physiology.
 Leonard S. Brahen, B.S., M.S., Fellow in Pharmacology.³
 Alice S. Chester, M.D., Fellow in Psychiatry.^{1h}
 William C. Cohen, Summer Fellow in Microbiology.¹ⁿ
 Henrique B. deMoraes, Fellow in Plastic Surgery.¹
 Walter S. Easterling, M.D., Fellow in Psychiatry.^{1g}
 Ruth Page Edwards, A. B., A. M. Ph.D., Fellow in Medical Psychology.³
 Leo W. Elgin, M.D., Fellow in Medicine.^{1h}
 Joseph C. Fitzgerald, M.D., Fellow in Medicine (part-time).
 Jane Wray Forrest, Emerson Fellow in Pharmacology.
 Vernon M. Gelhaus, John F. B. Weaver Summer Fellow in Histology.
 Richard L. Glasser, A.B., John F. B. Weaver Fellow in Physiology.^{1o}
 Bella R. Hearst, M.S., M.D., Research Fellow in Medicolegal Pathology.^{3a}
 William L. Heimer, M.D., Fellow in Medicine.
 Donald Helinski, B.S., Weaver Fellow in Biological Chemistry.¹
 Ernest C. Herrmann, Jr., B.S., Fellow in Bacteriology.
 Kaneo Hirano, Fellow in Pharmacology.^{1e*}
 Norman A. Hulme, A. M., Fellow in Pharmacology.^{1a}
 Daniel F. Johnston, John F. B. Weaver Summer Fellow in Anatomy.^{1f}
 Albert V. Kanner, Fellow in Pediatrics.^{1j}
 Murray M. Kappelman, B.S., Fellow in Pediatrics.¹ⁱ
 Theodore Kardash, B.S., M.D., Research Fellow in Gynecological Pathology.
 Norma May Keigler, B.S., Bressler Reserve Fund Research Fellow in Microbiology.
 Gerald Kessler, B.S., M.S., Ph.D., Fellow in Biological Chemistry.^{3f}
 Paul W. Knowles, John F. B. Weaver Fellow in Histology.
 Norman W. Lavy, A.B., Summer Fellow in Clinical Pathology.
 Johnson S. L. Ling, A.B., M.S., Eli Lilly Fellow in Pharmacology.^{3a}
 Sze-Jui Liu, M.D., Fellow in Medicine.
 David H. Loeff, Fellow in Infectious Diseases.
 Jack Mendelson, Fellow in Psychiatry.
 William E. O'Malley, B.S., Fellow in Pharmacology.^{1b}
 Henry D. Perry, Jr., M.D., Fellow in Medicine (part-time).
 Marvin S. Platt, Summer Fellow in Pediatrics.
 Giovanni Raccuglia, M.D., Anna Corman Fellow in Hematology.
 Joan Raskin, Fellow in Pediatrics.^{1k}
 Aubrey D. Richardson, M.D., Fellow in Medicine (part-time).
 Emily M. Rody, Fellow in Psychiatry.¹
 Charles A. Sanislow, Jr., Summer Fellow in Clinical Pathology.¹ⁿ
 Arthur H. Schmale, Jr., M.D., Fellow in Psychosomatic Medicine.³
 Joseph E. Shuman, Fellow in Infectious Diseases.
 Robert T. Singleton, Fellow in Infectious Diseases.
 Ursula T. Slager, B.A., M.D., Hitchcock Fellow in Neuropathology.

Resignations: Fellows.

^g June 5, 1954.

^a July 31, 1953.

^{ab} Aug. 31, 1954.

* Half time.

George A. Sowell, Summer Fellow in Radiology.^{1m}

Hirsh Leonard Spiegelmann, B.S., M.D., Fellow in Surgery, Anticoagulant Clinic, Mercy Hospital.¹

Thomas A. Stebbins, A.B., Medical Illustrator in Oncology and Gynecology. P.H.S. Cancer Teaching Program.

Joseph R. Suriano, Fellow in Microbiology.¹

Kyle W. Swisher, Jr., M.D., Fellow in Medicine (part-time).

Andre J. Toussant, B.S., Fellow in Microbiology.

Ira N. Tublin, B.S., Summer Fellow in Medicine.

Frank D. Vasington, A.B., M.S., Bressler Reserve Fund Fellow in Biological Chemistry.

Robert T. Walker, M.D., Fellow in Medicine.

Robert H. Weaver, B.S., Fellow in Biochemistry.^{1d}

Harry F. Wilson, Jr., B.S., Fellow in Pharmacology.

Arthur Wolpert, Fellow in Pharmacology.¹¹

Robert C. Wood, B.A., M.S., U. S. Navy Research Fellow in Microbiology.

CONSULTANTS

Robert W. Swain, B.S., Consultant in Radiologic Physics.

Gordon Leslie Lippitt, B.S., M.A., M.D., Consultant in Psychiatry.

Isadore Tuerk, M.D., Consultant in Psychiatry.

RESEARCH ASSISTANTS

Dorothy Doe Adams, A.B., Research Assistant in Psychiatry.

Frances S. Barbusca, A.B., Research Assistant in Clinical Pathology.¹

Edna L. Barrabee, Research Assistant in Psychiatry.^{3c}

Maryanne E. Berger, B.S., Research Assistant in Anatomy.

Bernard D. Blaustein, B.S., M.A., Research Assistant in Legal Medicine.

Abraham B. Brody, A.B., A.M., Ph.D., Research Assistant in Psychiatry.

Florence M. Burnett, B.S., M.S., R.N., Research Assistant in Psychiatry.

Elsa A. Burrows, A.B., Research Assistant in Anatomy.

Grange S. Coffin, M.D., Research Assistant in Pediatrics.¹

Margaret M. Collins, A.B., Research Assistant in Pediatrics.¹

Shirley A. Cox, A.B., Research Assistant in Biochemistry.^{3b}

Fred Davis, M.A., Research Assistant in Psychiatry.

Dorothy De Santis, Research Assistant in Medicine.

Jose Dobal, Research Assistant in Medicine.^{1a}

José Cecilio Echiandía, Research Assistant in Medicine.^{3d}

William J. Elton, II, Research Assistant in Psychiatry.¹ⁿ

Jorge A. Franco, Research Assistant in Physiology.

Effective appointment dates; Fellows.

^{1a} Sept. 1, 1953 to May 31, 1954.

^{1b} Sept. 1, 1953 to June 30, 1954.

^{1c} Sept. 1, 1953 to Jan. 31, 1954.

^{1d} Sept. 1, 1953.

^{1e} Oct. 1, 1953 to Sept. 30, 1954.

^{1f} June 1 to Sept. 11, 1954.

^{1g} April 15, 1954.

^{1h} July 1, 1953 to June 30, 1954.

¹ⁱ June 1 to Sept. 10, 1954.

^{1j} June 21 to Aug. 20, 1954.

^{1k} May 31 to July 31, 1954.

^{1l} Sept. 1, 1954 to Aug. 31, 1955.

^{1m} July 1, to Aug. 31, 1954.

¹ⁿ June 17, to Sept. 14, 1954.

Resignations: Research Assistants.

^{3a} Sept. 15, 1953.

^{3c} Sept. 30, 1954.

^{3b} Dec. 1, 1953.

^{3d} July 31, 1954.

Ella Freytag, Research Assistant in Legal Medicine.
 Awilda Gay, B.S., Research Assistant in Medicine.
 Joseph J. Geller, M.D., Research Assistant in Psychiatry.
 Eleanor G. B. Glinos, A.B., Research Assistant in Biological Chemistry.
 Martin K. Gorten, A.B., M.D., Research Assistant in Pediatrics.
 William L. Heimer, M.D., Research Assistant in Pediatrics.¹
 Claire K. Heisse, A.B., Research Assistant in Pharmacology.¹¹
 Carolyn F. Hendrickson, B.S., Bressler Reserve Fund Research Assistant in Physiology.
 Julia Neil Hurst, Research Assistant in Pharmacology.^{1d}
 Betty I. Ives, Research Assistant in Pediatrics.
 Ruth Hall Johnston, Research Assistant in Psychiatry.
 Lydia D. Lipinski, Research Assistant in Anatomy.
 Joan W. Little, A.B., Research Assistant in Gastro-Enterology.¹
 Ann L. Liu, B.S., M.S., Research Assistant in Anatomy.^{1e}
 Jack H. Mendelson, Research Assistant in Psychiatry.
 June H. Mendelson, B.S., Research Assistant in Psychiatry.
 Norma J. Nonken, B.S., Research Assistant in Psychiatry.
 Eleanor D. Percy, Research Assistant in Anatomy.
 Lydia L. Poole, B.S., Research Assistant in Psychiatry.
 M. Joseph Rehak, A.B., Research Assistant in Pharmacology.¹
 Evelyn C. Rice, Research Assistant in Obstetrics and Medicine.¹
 Martha K. Salter, R.N., Research Assistant in Legal Medicine.
 Danial S. Sax, Research Assistant in Psychiatry.
 Robert Shirey, B.S., Research Assistant in Pediatrics.¹
 Arthur B. Silverstein, A.B., A.M., Research Assistant in Psychiatry.
 Vincent J. Speckhart, Research Assistant in Biochemistry.^{1g}
 Barbara T. Stewart, B.A., Research Assistant in Psychiatry.
 Karl E. Sussman, A.B., Research Assistant in Physiology.
 Toba Tahl, Research Assistant in Psychiatry.¹
 Anne L. Trucker, A.B., Research Assistant in Psychiatry.^{1d}
 Floris de Balbian Verster, B.S., M.S., Research Assistant in Psychiatry.
 Amy Lee Wells, R.N., Research Assistant in Gynecological Pathology.
 Betty May Zimmerman, Research Assistant in Legal Medicine.

TRAINEES

Charles B. Adams, Jr., B.S., Trainee in Cardiology.¹
 Charles F. Carroll, Jr., National Cancer Institute Trainee.
 Frank G. Kuene, M.D., Trainee in Metabolism.
 Aubry D. Richardson, M.D., Trainee in Cardiology.

Effective appointment dates: Research Assistants.

^{1b} Oct. 1, 1953.

¹¹ Sept. 1, 1953 to June 30, 1954.

^{1e} May 1, to Sept. 30, 1954.

^{1g} July 1, to Aug. 31, 1954.

^{1d} June 15, 1954.

^{1b} July 1, to Sept. 30, 1954.

^{1e} Sept. 1, 1953 to Aug. 31, 1954.

UNIVERSITY HOSPITAL

GEORGE H. BUCK, *Director*
KURT H. NORK, *Asst. Director*

MEDICAL BOARD OF THE STAFF

D. FRANK KALTREIDER, *President*
JAMES G. ARNOLD, *President-elect*
DAVID R. WILL, *Secretary-Treasurer*

J. EDMUND BRADLEY
JOHN M. DENNIS
ROBERT B. DODD
LOUIS H. DOUGLASS
C. REID EDWARDS

JACOB E. FINESINGER
J. MASON HUNDLEY, JR.
MAURICE C. PINCOFFS
HUGH R. SPENCER
THEODORE E. WOODWARD

*Elected Members**Term Expires*

RAYMOND K. THOMPSON.....	1955
CHARLES N. DAVIDSON.....	1955
THURSTON R. ADAMS.....	1956
C. EDWARD LEACH.....	1956
JOHN D. YOUNG.....	1956
THOMAS R. O'ROURK.....	1956

WILLIAM S. STONE, *Director, Medical Education and Research*
H. BOYD WYLIE, *Dean, School of Medicine*
GEORGE H. BUCK, *Director, University Hospital*
KURT H. NORK, *Director, Out Patient Department*
MILTON S. SACKS, *Director, Clinical Pathology*

} *Ex officio members*

UNIVERSITY HOSPITAL STAFF

ANESTHESIOLOGY

<i>Anesthesiologist-in-Chief</i>	ROBERT B. DODD
<i>Anesthesiologist</i>	PAUL R. HACKETT

GYNECOLOGY AND ONCOLOGY

<i>Gynecologist-in-Chief</i>	J. MASON HUNDLEY, JR.
	LEO BRADY
	BEVERLEY C. COMPTON
<i>Gynecologists</i>	ERNEST I. CORNBROOKS, JR.
	WILLIAM K. DIEHL
	EVERETT S. DIGGS

ONCOLOGY

<i>Oncologist-in-Chief</i>	J. MASON HUNDLEY, JR.
----------------------------------	-----------------------

MEDICINE AND MEDICAL SPECIALTIES

DERMATOLOGY

<i>Dermatologist-in-Chief</i>	HARRY M. ROBINSON, SR.
	EUGENE S. BERESTON
	FRANCIS A. ELLIS
<i>Dermatologists</i>	HARRY M. ROBINSON, JR.
	A. ALBERT SHAPIRO
	ISRAEL ZELIGMAN

GENERAL MEDICINE

<i>Physician-in-Chief</i>	THEODORE E. WOODWARD
---------------------------------	----------------------

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	{	ROBERT E. BAUER
	{	HOWARD M. BUBERT
	{	T. NELSON CAREY
	{	EDWARD F. COTTER
	{	WM. CARL EBELING, III
	{	FRANK J. GERAGHTY
	{	LEWIS P. GUNDRY
	{	JAMES R. KARNS
	{	LOUIS A. M. KRAUSE
	{	H. VERNON LANGELUTTIG
	{	C. EDWARD LEACH
<i>Physicians</i>	{	EPHRAIM T. LISANSKY
	{	WILLIAM S. LOVE, JR.
	{	HENRY J. L. MARRIOTT
	{	SAMUEL MORRISON
	{	ROBERT T. PARKER
	{	MAURICE C. PINCOFFS
	{	SAMUEL T. R. REVELL, JR.
	{	MILTON S. SACKS
	{	LEONARD SCHERLIS
	{	SIDNEY SCHERLIS
	{	LAWRENCE SERRA
	{	JOSEPH B. WORKMAN
NEUROLOGY		
<i>Neurologist-in-Chief</i>		CHARLES VAN BUSKIRK
	{	EDWARD F. COTTER
	{	WILLIAM L. FEARING
<i>Neurologists</i>	{	LEON FREEDOM
	{	GEORGE G. MERRILL
	{	IRVING J. SPEAR
OBSTETRICS		
<i>Obstetricians-in-Chief</i>	{	LOUIS H. DOUGLASS
	{	D. FRANK KALTREIDER
	{	GEORGE H. DAVIS
	{	D. MCCLELLAND DIXON
	{	LOUIS C. GAREIS
	{	HUGH B. McNALLY
<i>Obstetricians</i>	{	J. HUFF MORRISON
	{	J. MORRIS REESE
	{	JOHN E. SAVAGE
	{	J. K. B. E. SEEGAR
	{	ISADORE A. SIEGEL
OPHTHALMOLOGY		
<i>Ophthalmologist-in-Chief</i>		
<i>Ophthalmologists</i>	{	PAUL N. FRIEDMAN
	{	RUBY A. SMITH
	{	J. E. BRUMBACK, JR.
<i>Assistant Ophthalmologists</i>	{	JOHN C. OZAZEWSKI
	{	HENRY B. WILSON

UNIVERSITY HOSPITAL STAFF—Cont'd.

PATHOLOGY

<i>Pathologist-in-Chief</i>	HUGH R. SPENCER
<i>Pathologists</i>	{ DEXTER L. REIMANN JOHN A. WAGNER

PEDIATRICS

<i>Pediatrician-in-Chief</i>	J. EDMUND BRADLEY
<i>Pediatricians</i>	{ A. H. FINKELSTEIN GORDON E. GIBBS C. LORING JOSLIN

PREVENTIVE MEDICINE AND REHABILITATION

<i>Physician-in-Chief</i>	MAURICE C. PINCOFFS
---------------------------------	---------------------

PSYCHIATRY

<i>Psychiatrist-in-Chief</i>	JACOB E. FINESINGER
	{ KLAUS BERBLINGER LIDA C. BROWN ENOCH CALLAWAY, III ALICE CHESTER WILLIAM N. FITZPATRICK BERNARD S. GORDON MAURICE H. GREENHILL MANFRED S. GUTTMACHER VIRGINIA HUFFER MARVIN JAFFE
<i>Psychiatrists</i>	{ EPHRAIM T. LISANSKY HANS W. LOEWALD WILLIAM W. MAGRUDER MARION W. MATHEWS CESAR MEZA H. WHITMAN NEWELL KENT E. ROBINSON NATHAN SCHNAPER ISADORE TUERK ROGER S. WATERMAN BETSY WOOTEN

<i>Radiologist</i>	JOHN M. DENNIS
--------------------------	----------------

<i>Radiologists</i>	{ ROBERT P. BOUDREAU CHARLES N. DAVIDSON HENRY H. STARTZMAN
---------------------------	---

SURGERY AND SURGICAL SPECIALTIES

BRONCHOSCOPY

<i>Bronchoscopists</i>	{ RICHARD J. CROSS JOHN H. HIRSCHFELD FREDERICK T. KYPER THOMAS D. MICHAEL
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DENTAL SURGERY

<i>Dental Surgeon-in-Chief</i>	BRICE M. DORSEY
--------------------------------------	-----------------

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

	{	MYRON S. AISENBERG
	{	JOSEPH C. BIDDIX
	{	JOSEPH P. CAPPuccio
	{	EDWARD C. DOBBS
	{	GRAYSON W. GAVER
<i>Dentists</i>	{	HAROLD GOLTON
	{	HUGH R. HICKS
	{	CONRAD L. INMAN
	{	ERNEST B. NUTTALL
	{	KENNETH V. RANDOLPH
	{	WILBUR O. RAMSEY
GENERAL SURGERY		
<i>Surgeon-in-Chief</i>		CHARLES REID EDWARDS
	{	THURSTON R. ADAMS
	{	HARRY C. BOWIE
	{	OTTO C. BRANTIGAN
	{	R. ADAMS COWLEY
	{	RAYMOND M. CUNNINGHAM
<i>Surgeons</i>	{	HARRY C. HULL
	{	CHARLES A. REIFSCHNEIDER
	{	WILLIAM B. SETTLE
	{	ROBERT C. SHEPPARD
	{	E. RODERICK SHIPLEY
	{	EDWIN H. STEWART
	{	DAVID R. WILL
	{	GEORGE H. YEAGER
NEUROLOGICAL SURGERY		
<i>Neurological Surgeon-in-Chief</i>		JAMES G. ARNOLD, JR.
<i>Neurological Surgeons</i>	{	RICHARD G. COBLENTZ
	{	RAYMOND K. THOMPSON
ORTHOPEDICS		
<i>Orthopedic Surgeon-in-Chief</i>		ALLEN F. VOSHELL
	{	MOSES GELLMAN
<i>Orthopedic Surgeons</i>	{	JAMES P. MILLER
	{	HENRY ULLRICH
	{	MILTON J. WILDER
OTOLARYNGOLOGY		
<i>Otolaryngologist-in-Chief</i>		THOMAS R. O'ROURK
PROCTOLOGY		
<i>Proctologist-in-Chief</i>		MONTE EDWARDS
<i>Proctologist</i>		THURSTON R. ADAMS
UROLOGY		
<i>Urologist-in-Chief</i>		W. HOUSTON TOULSON
	{	HOWARD B. MAYS
<i>Urologists</i>	{	LYLE J. MILLAN
	{	MARTIN A. ROBBINS
	{	JOHN D. YOUNG

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1954 to June 30, 1955

- BENJAMIN A. ADELSTEIN, B.A., M.D., *Assistant Resident in Surgery*
 ROBERT K. ARTHUR, JR., B.S., M.D., *Resident in Obstetrics*
 NORMAN M. BACHER, B.S., M.D., *Assistant Resident in Psychiatry*
 HERBERT S. BELL, M.D., *Assistant Resident in Surgery*
 DREWRY C. BONDURANT, B.A., M.D., *Resident in Anesthesia*
 CHARLES W. BRADY, A.B., M.D., *Assistant Resident in Surgery*
 G. ROSS BRINKLEY, JR., A.B., M.D., *Assistant Resident in Obstetrics and Gynecology*
 JOHN B. CODINGTON, B.S., M.D., *Assistant Resident in Surgery*
 GRANGE S. COFFIN, B.S., M.D., *Resident in Pediatrics*
 BERNARD M. DAVIS, B.S., M.D., *Assistant Resident in Obstetrics and Gynecology*
 SAMUEL W. DEISHER, B.A., M.D., *Assistant Resident in Obstetrics and Gynecology*
 WYAND F. DOERNER, JR., M.D., *Assistant Resident in Medicine: Veterans Administration*
 Hospital, July 1, 1954 to December 31, 1954; University Hospital, January 1, 1955 to June 30, 1955
 NESTOR F. DE VENECIA, M.D., *Assistant Resident in Medicine*
 R. JUDSON DOWELL, M.D., *Assistant Resident in Medicine*
 MARIA PAZ FLOR, D.D.M., *Dental Resident*
 LOUIS A. FRITZ, B.S., M.D., *Assistant Resident in Anesthesia*
 ALFREDO H. GAGNETEN, M.D., *Assistant Resident in Obstetrics and Gynecology*
 JAMES P. GALLAHER, A.B., M.D., *Assistant Resident in Obstetrics and Gynecology*
 F. SIDNEY GARDNER, JR., B.A., M.D., *Assistant Resident in Gynecology*
 ROBERT W. GIBBES, B.S., M.D., *Assistant Resident in Medicine*
 WILLIAM R. GRECO, B.S., M.D., *Assistant Resident in Gynecology*
 ALBERT R. GUTIERREZ, M.D., *Assistant Resident in Radiology*
 WILLIAM A. HOLBROOK, B.S., M.D., *Resident in Surgery*
 WILLIAM B. HOLDEN, B.S., M.D., *Assistant Resident in Psychiatry*
 VIRGINIA HUFFER, B.S., M.D., *Resident in Psychiatry*
 L. VIRGINIA HUNTER, B.A., M.D., *Assistant Resident in Pediatrics*
 RICARDO IBANEZ, M.D., *Assistant Resident in Psychiatry*
 DENNIS T. JONES, B.S., M.D., *Assistant Resident in Psychiatry*
 FRANK G. KUEHN, A.B., M.D., *Assistant Resident in Medicine*
 DAVID M. KIPNIS, M.D., *Resident in Medicine*
 JOHN M. KRAGER, B.S., M.D., *Assistant Resident in Pediatrics*
 HENRY A. LANGENFELDER, B.A., M.D., *Assistant Resident in Surgery*
 HERBERT H. LEIGHTON, M.D., *Assistant Resident in Obstetrics and Gynecology*
 SANTIAGO LOMBANA, M.D., *Assistant Resident in Surgery*
 RAFAEL LONGO-CORDERO, B.S., M.D., *Assistant Resident in Surgery*
 JOHN W. LOOPER, JR., M.D., *Assistant Resident in Pediatrics*
 CHARLES W. MCGRADY, JR., A.B., M.D., *Assistant Resident in Surgery*
 KATHLEEN R. MCGRADY, B.S., M.D., *Resident in Pediatrics*
 CESAR MEZA, M.D., *Resident in Psychiatry*
 EDMUND B. MIDDLETON, M.D., *Assistant Resident in Obstetrics and Gynecology*
 ROBERT A. MOORE, JR., A.B., M.D., *Assistant Resident in Neurosurgery: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals; University Hospital, November 1, 1954 to February 28, 1955.*
 EDUARDO M. MORALES, B.S., M.D., *Assistant Resident in Obstetrics and Gynecology*
 ROBERT S. MOSSER, B.S., M.D., *Assistant Resident in Pediatrics*
 SADREDIN MUSAVI, A.B., M.D., *Assistant Resident in Surgery*

- CHARLES G. PEAGLER, M.D., *Assistant Resident in Surgery*
 GEORGE C. PECK, A.B., M.D., *Assistant Resident in Surgery*
 EDWARD C. PREVOST, M.D., *Resident in Gynecology*
 JOSÉ RAMIREZ-RIVERA, B.A., M.D., *Assistant Resident in Medicine*: University Hospital, July 1, 1954 to December 31, 1954; Veterans Administration Hospital, January 1, 1955 to June 30, 1955
 HENRY G. REEVES, JR., B.S., M.D., *Assistant Resident in Surgery*
 G. V. RAMA ROW, M.B., B.S., *Assistant Resident in Pediatrics*
 JORDAN M. SCHER, A.B., M.D., *Assistant Resident in Psychiatry*
 GEORGE SCHIMERT, B.S., M.D., *Resident in Thoracic Surgery*
 JAMES A. SEWELL, M.D., *Resident in Surgery*
 JOHN O. SHARETT, M.D., *Resident in Neurosurgery*
 CHARLES E. SIMONS, JR., *Assistant Resident in Surgery*
 ROBERT T. SINGLETON, B.S., M.D., *Assistant Resident in Medicine*: University Hospital, July 1, 1954 to December 31, 1954; Veterans Administration Hospital, January 1, 1955 to June 30, 1955
 W. HOWRY SLASMAN, JR., A.B., M.D., *Assistant Resident in Neurosurgery*: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals. University Hospital, July 1, 1954 to October 31, 1954
 DAVID H. SMITH, M.D., *Assistant Resident in Surgery*
 DOUGLAS H. SMITH, B.A., M.D., *Assistant Resident in Anesthesia*
 GEORGE H. SMITH, A.B., M.D., *Assistant Resident in Psychiatry*
 WILLIAM S. SPICER, JR., M.D., *Assistant Resident in Medicine*
 W. J. TANENBAUM, B.S., M.D., *Assistant Resident in Psychiatry*
 BATE C. TOMS, JR., M.D., *Assistant Resident in Surgery*
 ICHIRO URUSHIZAKI, M.D., *Assistant Resident in Medicine*
 ARNOLD L. VANCE, B.S., M.D., *Assistant Resident in Pediatrics*
 KARL H. WEAVER, A.B., M.D., *Assistant Resident in Medicine*
 ISRAEL H. WEINER, B.A., M.D., *Assistant Resident in Neurosurgery*: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals. University Hospital, March 1, 1955 to June 30, 1955
 UMBERTO WENZEL, M.D., *Assistant Resident in Psychiatry*
 FRANCIS E. WINSLOW, JR., A.B., M.D., *Assistant Resident in Medicine*

ROTATING INTERNS

- | | |
|---------------------------------|------------------------------------|
| JOHN M. ALLEN, B.S., M.D. | IRVIN H. MOSS, A.B., M.D. |
| EUGENE BLANK, B.A., M.D. | JOHN D. MURPHY, B.A., M.D. |
| CHARLES T. FITCH, B.S., M.D. | GERALD F. NANGLE, B.A., M.D. |
| ROBERT B. GOLDSTEIN, M.D. | A. GIBSON PACKARD, JR., A.B., M.D. |
| DAVID C. GREEN, B.S., M.D. | DAVID H. PATTEN, A.B., M.D. |
| THOMAS E. HUNT, JR., B.A., M.D. | STANLEY D. ROSENTHAL, B.A., M.D. |
| MARCIA M. KELLER, B.S., M.D. | FREDRIC C. SCHIFFMAN, A.B., M.D. |
| EDWARD S. KLOHR, JR., M.D. | RALPH J. SLONIM, JR., B.A., M.D. |
| DAVID A. LEVY, B.S., M.D. | J. WALTER SMYTH, B.S., M.D. |
| JOSÉ E. LOPEZ, A.B., M.D. | WILLIAM B. STODGHILL, A.B., M.D. |
| MILTON F. MILLER, B.A., M.D. | HAROLD R. WEISS, B.S., M.D. |
| ROBERT E. YIM, B.S., M.D. | |

DENTAL INTERNS

- | | |
|--------------------------------|--------------------------|
| JOHN M. HYSON, D.D.S. | ROBERT B. LITTON, D.D.S. |
| EASTWOOD G. TURLINGTON, D.D.S. | |

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

KURT H. NORK *Director*

GYNECOLOGY, <i>Directory of Clinics</i>	BEVERLEY C. COMPTON
<i>Chief of Clinic</i>	JAMES H. SHELL, JR.
	ERNEST I. CORNBROOKS, JR.
	W. ALLEN DECKERT
	THEODORE KARDASH
<i>Assistants</i>	NORMAN LEVIN
	RAYMOND L. MARKLEY
	GEORGE A. MAXWELL
	JAMES H. SHELL, JR.
	F. X. PAUL TINKER
	BEVERLEY C. COMPTON
	ERNEST I. CORNBROOKS, JR.
	WILLIAM K. DIEHL
<i>Cystoscopists, Female</i>	EVERETT S. DIGGS
	J. MASON HUNDLEY, JR.
	JAMES H. SHELL, JR.
	F. X. PAUL TINKER
ONCOLOGY (Gynecological Division)	
<i>Chief of Clinic</i>	WILLIAM K. DIEHL
	BEVERLEY C. COMPTON
<i>Assistants</i>	ERNEST I. CORNBROOKS, JR.
	EVERETT S. DIGGS
	FRANK K. MORRIS
MEDICINE, <i>Director of Clinics</i>	THEODORE E. WOODWARD
<i>Chief of Clinic</i>	JOSEPH C. FURNARI
	T. NELSON CAREY
<i>Consultants</i>	EDWARD F. COTTER
	EPHRAIM T. LISANSKY
	SAMUEL T. R. REVELL, JR.
	CONRAD ACTON
	ROBERT E. BAUER
	LOUIS V. BLUM
	M. PAUL BYERLY
	JONAS COHEN
	WILLIAM F. COX, III
	JOHN B. DEHOFF
	PERRY FUTTERMAN ⁶
	MARVIN GOLDSTEIN
	HENRY W. J. HOLLJES
<i>Physicians</i>	WALTER KARFGIN
	JAMES R. KARNS
	KURT LEVY
	STEPHEN LEVY
	STEPHEN MILLER
	DONALD MINTZER
	JOSEPH MUSE
	ROBERT T. PARKER
	LEONARD SCHLERIS
	STANLEY STEINBACK
	WILLIAM K. WALLER

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*cont'd.*

Allergy, <i>Chief of Clinic</i>	HOWARD M. BUBERT
<i>Assistant Chiefs</i>	{ IRVIN B. KEMICK ⁶ JEROME SHERMAN
<i>Assistant Allergists</i>	{ EDWARD S. KALLINS RAYMOND M. LAUER
Arthritis, <i>Chief of Clinic</i>	LEON A. KOCHMAN
<i>Physician, Attending</i>	JOSEPH C. FURNARI
Cardiovascular Clinic, <i>Chief</i>	C. EDWARD LEACH
<i>Cardiologists, Assistant</i>	{ SAMUEL P. SCALLIA SIDNEY SCHERLIS E. R. SMITH WILFRED H. TOWNSEND STEPHEN J. VAN LILL, III
Cardiac Classification Unit, <i>Chief</i>	FRANCES BORGES
Chest Clinic, <i>Chief</i>	MEYER W. JACOBSON
<i>Assistant Chief</i>	MANUEL LEVIN
Dermatology and Syphilis Clinic, <i>Director</i>	HARRY M. ROBINSON, SR.
<i>Chief of Clinic</i>	HARRY M. ROBINSON, JR.
<i>Dermatologists</i>	{ EUGENE S. BERESTON WILLIAM R. BUNDICK FRANCIS A. ELLIS STANLEY N. JAFFE R. C. V. ROBINSON A. ALBERT SHAPIRO ISRAEL ZELIGMAN
<i>Assistants</i>	{ MORRIS M. COHEN MARK B. HOLLANDER LEE R. LERMAN
Diabetic Clinic, <i>Chief</i>	PERRY O. FUTTERMAN ⁶
<i>Acting Chief</i>	CHARLES E. SHAW
<i>Assistant</i>	FRANK KUEHN
Gastro-Enterology Clinic, <i>Chief</i>	WM. CARL EBELING, III
<i>Assistant</i>	ALBERT J. SHOCHAT
Hematology Clinic, <i>Chief</i>	MILTON S. SACKS
<i>Assistant Chief</i>	STANLEY MILLER
<i>Physician, Attending</i>	IRVING FREEMAN
Hypertensive Clinic, <i>Chief</i>	SAMUEL T. R. REVELL, JR
<i>Assistant Chief</i>	FRANCIS J. BORGES
Isotope Clinic, <i>Chief</i>	ROBERT E. BAUER
<i>Assistant Chief</i>	JOSEPH B. WORKMAN
<i>Physician, Attending</i>	JOHN M. DENNIS
Neurology Clinic, <i>Chief</i>	CHARLES VAN BUSKIRK
<i>Neurologists, Assistant</i>	{ WILLIAM L. FEARING HARRY A. TEITELBAUM
OBSTETRICAL CLINIC, <i>Chief of Clinic</i>	J. HUFF MORRISON

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	{	HARRY MCB. BECK
		HARRY COHEN
		GEORGE H. DAVIS
		WILLIAM A. DODD
		DANIEL EHRLICH
		VINCENT DeP. FITZPATRICK
		WILLIAM D. GENTRY
		THEODORE KARDASH
Obstetricians, Assistant.....	{	VERNON C. KELLY
		IRVING P. KLEMKOWSKI
		NORMAN LEVIN
		W. K. MANSFIELD
		JOHN E. SAVAGE
		ERNEST SCHER
		J. K. B. E. SEEGAR
		JAMES H. SHELL, JR.
		F. X. PAUL TINKER
	{	THOMAS C. WEBSTER
OPHTHALMOLOGY CLINIC, Chief.....		
	{	J. E. BRUMBACK, JR.
		RICHARD J. CROSS
Ophthalmologists, Assistant.....	{	D. J. McHENRY
		JOHN C. OZAZEWSKI
		RUBY A. SMITH
	{	HENRY B. WILSON
PEDIATRIC CLINIC, Director.....		A. H. FINKELSTEIN
Assistant Chief.....		SAMUEL S. GLICK
	{	RUTH B. BALDWIN
		MELVIN N. BORDEN
		LESTER CAPLAN
		MIRIAM DAY
		GARRETT E. DEANE
Pediatricians, Assistant.....	{	LEON DONNER
		EDWARD FIELD
		HOWARD GOODMAN
		MARY MATHEWS
		WILLIAM A. NIERMAN
		ARNOLD TRAMER
	{	J. CARLTON WICH
Cardiac Clinic (Pediatric) Chief.....		SIDNEY SCHERLIS
Assistant Chief.....		GIBSON J. WELLS
	{	MELVIN BORDEN
Pediatricians, Assistant.....	{	MARY HAYLECK
		LEONARD SCHERLIS
Chest Clinic (Pediatric) Chief.....		LOUIS V. BLUM
Developmental Clinic, Chief.....		RAYMOND L. CLEMMENS
Seizure Clinic (Pediatric) Chief.....		RUTH BALDWIN

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

PSYCHIATRIC CLINICS, <i>Director of Clinic</i>	MAURICE H. GREENHILL
<i>Chief of Adult Psychiatric Clinic</i>	KLAUS W. BERBLINGER
<i>Chief of Child Guidance Clinic</i>	H. WHITMAN NEWELL
<i>Chief of Comprehensive Clinic</i>	MAURICE H. GREENHILL
	{ JOSEPH BIERMAN
	ENOCH CALLAWAY, III
	ALICE CHESTER
	WILLIAM N. FITZPATRICK
	BERNARD GORDON
	MANFRED S. GUTTMACHER
	MARVIN JAFFE
<i>Psychiatrists, Assistant</i>	{ EPHRAIM T. LISANSKY
	HANS W. LOEWALD
	WILLIAM W. MAGRUDER
	MARION MATHEWS
	KENT E. ROBINSON
	NATHAN SCHNAPER
	ISADORE TUEK
	ROGER WATERMAN
	BETSEY WOOTEN
	{ RALPH L. DUNLAP
<i>Psychologists, Attending</i>	{ THOMAS D. HAUPT
	LESTER M. LIBO
	BENJAMIN POPE
RADIOLOGIST, <i>Chief</i>	JOHN M. DENNIS
<i>Radiologist</i>	LEONARD WARRES
SURGICAL CLINIC, <i>Chief</i>	ROBERT C. SHEPPARD
	{ JAMES N. CIANOS
	WILLIAM D. LYNN ⁶
<i>Surgeons, Assistant</i>	{ KARL F. MECH
	SAMUEL E. PROCTOR
	WILLIAM B. SETTLE
	DAVID R. WILL
Neurosurgical Clinic, <i>Chief</i>	WILLIAM H. MOSBERG, JR.
<i>Neurological Surgeon, Asst.</i>	AUGUST KEIL, JR.
Neurosurgical (Pediatric) Clinic, <i>Chief</i>	ROBERT M. N. CROSBY
Oncology Clinic (Surgical Division) <i>Chief</i>	ARTHUR G. SIWINSKI
	{ E. EUGENE COVINGTON
<i>Surgical Division (Assistants)</i>	{ JOHN M. DENNIS
	LOUIS E. GOODMAN
	J. DUER MOORES
	EDWARD H. STEWART
Oral Surgery, <i>Chief</i>	BRICE M. DORSEY
<i>Assistant Chief</i>	JOSEPH P. CAPPUCCIO
Orthopedic Surgery Clinic, <i>Chief</i>	ALLEN FISKE VOSHELL

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	{ EVERETT D. JONES
	{ JAMES P. MILLER
<i>Orthopedic Surgeons, Asst.</i>	{ ROBERT T. STRANG
	{ JOHN J. TANSEY
	{ HENRY F. ULLRICH
	{ MILTON J. WILDER
<i>Otolaryngology, Chief</i>	{ RICHARD J. CROSS
	{ JAMES J. GERLACH
<i>Otolaryngologists</i>	{ FREDERICK L. STICHEL, JR.
	{ HAROLD H. WEINBERG
<i>Plastic Surgery, Chief</i>	{ CLARENCE P. SCARBOROUGH
<i>Proctology Clinic, Chief</i>	{ MONTE EDWARDS
	{ RAYMOND CUNNINGHAM
<i>Proctologists, Assistant</i>	{ JOHN D. ROSIN
	{ WILLIAM J. SUPIK
<i>Urology Clinic, Chief</i>	{ JOHN D. YOUNG, JR.
	{ JOHN F. HOGAN
<i>Urologists, Assistant</i>	{ LYLE J. MILLAN
	{ MARTIN A. ROBBINS
	{ IRVING SCHERLIS
<i>Vascular Clinic, Chief</i>	{ GEORGE H. YEAGER
<i>Assistant Chief</i>	{ RAYMOND CUNNINGHAM
<i>Medical Consultant</i>	{ LEWIS P. GUNDRY

OUT-PATIENT REPORT

JANUARY 1, 1953 TO JANUARY 1, 1954

	<i>New Cases</i>	<i>Referrals¹</i>	<i>Re-Visits</i>	<i>Total</i>
Allergy	66	69	3,420	3,525
Arthritis	58	51	528	637
Cardiology	105	26	1,052	1,183
Chest	74	259	977	1,310
Child Guidance	4	9	38	51
Dermatology	1,177	686	5,684	7,547
Department "S" ²	81	76	796	953
Diabetic	44	48	860	952
Eye	575	476	2,199	3,251
Gastro-Intestinal	89	112	826	1,027
Genito-Urinary	265	220	1,420	1,905
G.U.-Circumcision	3	59	40	102
Gynecology	915	180	3,699	4,794
Hematology	19	24	434	477
Hypertensive	0	16	12	28
Isotope	6	38	33	77
Medical	1,248	1,056	5,628	7,932

¹ A referral has already been a patient in the Out-patient Department, and has been referred to one of the clinics for treatment or consultation.

² Syphilology Clinic.

OUT-PATIENT REPORT—*Cont'd.*

<i>Department</i>	<i>New Cases</i>	<i>Referrals'</i>	<i>Re-Visits</i>	<i>Total</i>
Medical-Comprehensive	45	85	309	439
Neurology	57	85	331	473
Neuro-Surgery	81	172	373	626
Nose and Throat	348	447	1,063	1,858
Obstetrics	1,391	616	16,469	18,476
Occupational Therapy	7	74	1,339	1,420
Oncology-Gyn.	69	25	830	924
Oncology-Surg.	152	1	735	888
Oral Surgery	127	950	769	1,846
Orthopedics	688	562	2,521	3,771
Pediatrics	2,923	18	8,207	11,148
Pediatric-Cardiology	30	29	398	457
Pediatric-Chest	2	8	61	71
Pediatric-Seizure	94	28	427	554
Physiotherapy	10	230	1,573	1,813
Plastic Surgery	4	9	25	38
Proctology	75	140	183	398
Psychiatry	336	73	2,801	3,210
Psychiatry-Child Guidance	3	0	377	380
Surgery	1,746	901	5,849	8,496
Tuberculosis	7	174	16	197
Vascular	51	67	404	522
Well Baby Clinic	720	12	4,510	5,236
Total	13,695	7,839	77,499	99,033

MEDICAL CARE CLINIC
UNIVERSITY HOSPITAL

Director.....HENRY W. D. HOLLJES
Assistant Director.....MARTHA CURTIS

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the third floor of the Out-patient Department Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to

serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately eighty neighborhood physicians have agreed to work with the Medical Care Program. Twenty-five members of the Out-patient Department and University Hospital Staff will conduct examinations in the Clinic.

The Faculty Committee on Post Graduate Education has also undertaken plans to provide instruction to all affiliated physicians.

4,606 public assistance clients have been assigned to this Clinic.

MERCY HOSPITAL

BOARD OF GOVERNORS

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SISTER M. CARMEL

SISTER M. FRANCES LOUISE

SISTER M. DAMIAN

SISTER M. HILDEGARD

SISTER M. BRENDAN

HENRY F. BONGARDT

H. RAYMOND PETERS

MAURICE C. PINCOFFS

DANIEL J. PESSAGNO

J. SHELDON EASTLAND

FRANK K. MORRIS

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AUGUST B. HANEKE

SAMUEL H. HOFFBERGER

JAMES W. McELROY

ALLEN W. MORTON

S. PAGE NELSON

THOMAS W. PANGBORN

WILLIAM F. SCHMICK

MERCY HOSPITAL STAFF

Anaesthesiologist-in-Chief..... JAMES RUSSO

Biochemist, Clinical..... CHARLES E. BRAMBEL

Dentist, Consulting..... CONRAD L. INMAN

Dentist, Chief..... J. D. FUSCO

Dermatologist-in-Chief..... FRANCIS A. ELLIS

Dermatologists, Associate..... { EUGENE S. BERESTON
WILLIAM R. BUNDICK
R. C. V. ROBINSON

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Diseases of the Chest, Consultant</i>	H. VERNON LANGELUTTIG
<i>Gastro-Enterologist, Consultant</i>	MAURICE FELDMAN
<i>Gastro-Enterologist-in-Chief</i>	WILLIAM C. EBELING
<i>Gastro-Enterologist, Associate</i>	PHILIP D. FLYNN
<i>Gynecologist-in-Chief</i>	FRANK K. MORRIS
<i>Gynecologists</i>	{ JOHN J. ERWIN EDWARD P. SMITH GEORGE A. STRAUSS, JR. HARRY McB. BECK
<i>Gynecologists, Associate</i>	{ WILLIAM A. DODD CHARLES H. DOELLER, JR. WILLIAM C. DIFFY
<i>Gynecologists, Assistant</i>	{ VINCENT DE P. FITZPATRICK, JR. GERALD A. GALVIN WILLIAM D. GENTRY, JR. HARRY F. KANE JOHN M. PALESE WILLIAM J. RYSANEK, JR. JOSEPH C. SHEEHAN WALTER K. SPELSBERG F. X. PAUL TINKER ROBERT B. TUNNEY JOHN F. ULLSPERGER
<i>Hematologist, Clinical</i>	H. RAYMOND PETERS
<i>Medicine, Physician, Consulting</i>	MAURICE C. PINCOFFS
<i>Physician-in-Chief</i>	H. RAYMOND PETERS
<i>Physicians</i>	{ T. NELSON CAREY J. SHELDON EASTLAND LOUIS A. M. KRAUSE EPHRAIM T. LISANSKY S. EDWIN MULLER SOL SMITH THOMAS P. SPRUNT
<i>Physicians, Associate</i>	{ BARTUS T. BAGGOTT WETHERBEE FORT WILLIAM H. KAMMER HENRY J. L. MARRIOTT JOHN C. OSBORNE J. EMMETT QUEEN FREDERICK J. VOLLMER HUGH J. WELCH

MERCY HOSPITAL STAFF—*Cont'd.*

	{ J. HOWARD BURNS EDWARD L. CHAMBERS E. ELLSWORTH COOK, JR. JOHN R. DAVIS, JR. MAURICE FELDMAN, JR. K. W. GOLLEY WILLIAM H. GRENZER ARTHUR KARFGIN FRANK T. KASIK, JR. M. KEVIN QUINN DONALD J. ROOP MARGARET L. SHERRARD THADDEUS C. SIWINSKI S. A. TUMMINELLO
<i>Physicians, Assistant</i>	
<i>Neurologist, Consulting</i>	ANDREW C. GILLIS
<i>Neuro-Psychiatrist-in-Chief</i>	PHILIP F. LERNER
	{ FRANK AYD, JR. JOHN C. BRICKNER GEORGE G. MERRILL WILLIAM A. RINN EDWARD L. SUAREZ-MURIAS SAMUEL S. WOLF ⁶
<i>Neurologists and Psychiatrists, Associate</i>	
<i>Neurological Surgeon, Consultant</i>	CHARLES S. BAGLEY, JR.
<i>Neurological Surgeon-in-Chief</i>	JAMES G. ARNOLD, JR.
	{ JOHN W. CHAMBERS RICHARD B. COBLENTZ ROBERT N. M. CROSBY FRANK J. OTENASEK RAYMOND K. THOMPSON
<i>Neurological Surgeons</i>	
<i>Obstetrician, Consulting</i>	EDWARD P. SMITH
<i>Obstetrician-in-Chief</i>	JOHN J. ERWIN
	{ HARRY MCB. BECK WILLIAM A. DODD CHARLES H. DOELLER, JR. WILLIAM C. DUFFY HARRY F. KANE HUGH B. McNALLY FRANK K. MORRIS
<i>Obstetricians</i>	
	{ J. BROOKE BOYLE, JR. ANTHONY F. DiPAULA WILLIAM J. RYSANEK, JR. JOSEPH C. SHEEHAN ROBERT B. TUNNEY
<i>Obstetricians, Associate</i>	

⁶ On leave.

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Obstetricians, Assistant</i>	{	H. HOWARD BURNS
		VINCENT DEP. FITZPATRICK, JR.
		WILLIAM D. GENTRY
		WALTER K. SPELSBERG
		F. X. PAUL TINKER
	{	JOHN F. ULLSPERGER
<i>Ophthalmologist-in-Chief</i>		
<i>Ophthalmologists and Otolologists, Associate</i>	{	JOSEPH V. JEPPI
		JOSEPH I. KEMLER
		F. A. PACIENZA
		M. RASKIN
<i>Orthopedic Surgeon-in-Chief</i>		HARRY L. ROGERS
<i>Orthopedic Surgeon, Associate</i>		HENRY F. ULLRICH
<i>Orthopedic Surgeons, Assistant</i>	{	J. H. GASKEL
		ISAAC GUTMAN
		EVERETT D. JONES
		I. H. MASERITZ
<i>Otolaryngologists, Consulting</i>	{	W. RAYMOND MCKENZIE
		GEORGE W. MITCHELL
		WAITMAN F. ZINN
<i>Otolaryngologist and Bronchoesophagologist-in-Chief</i> ...		THEODORE A. SCHWARTZ
<i>Otolaryngologists and Bronchoesophagologists, Associate</i>	{	ROBERT Z. BERRY
		BENJAMIN H. ISAACS
		FAYNE A. KAYSER
		BENJAMIN S. RICH
		ARTHUR WARD
<i>Otolaryngologists and Bronchoesophagologists, Assistant</i>	{	JAMES J. GERLACH
		HARRY P. PORTER
		JOHN M. REHBERGER ⁶
<i>Pathologist, Clinical</i>		H. T. COLLEBERG
<i>Pathologist, Consulting</i>		HUGH R. SPENCER
<i>Pathologist-in-Chief</i>		C. GARDNER WARNER
<i>Pediatrician, Consulting</i>		EDGAR B. FRIEDENWALD
<i>Pediatrician-in-Chief</i>		FREDERICK B. SMITH
<i>Pediatrician, Associate</i>		G. BOWERS MANSDORFER

⁶ On leave.

MERCY HOSPITAL STAFF—*Con't.*

	{	DONALD D. COOPER
	{	JOSEPH M. CORDI
	{	JEROME FINEMAN
	{	EDWARD L. FREY, JR.
	{	FREDERICK J. HELRICH
<i>Pediatricians, Assistant</i>	{	DAVID JOSEPHS
	{	MARY E. MATTHEWS
	{	ISRAEL P. MERANSKI
	{	O. WALTER SPURRIER
	{	EARL WEEKS
	{	J. CARLTON WICH
<i>Plastic Surgeons</i>	{	EDWARD A. KITLOWSKI
	{	CLARENCE P. SCARBOROUGH
<i>Proctologist-in-Chief</i>		SIMON P. BRAGER
<i>Proctologist, Associate</i>		WILLIAM J. SUPIK
<i>Radiologist-in-Chief</i>		EDWARD R. DANA
<i>Radiology, Supervisor</i>		ELIZABETH KENLY, R.M.
	{	SISTER M. JANE FRANCES
	{	JEAN ADAMS
	{	SARA CROSS
<i>Radiology, Technicians</i>	{	SHIRLEY HORNER
	{	RUTH MAY, R.M.
	{	ELSIE MORRIS
	{	BARBARA POTTS
<i>Surgeon-in-Chief</i>		WALTER D. WISE
	{	HENRY F. BONGARDT
	{	THOMAS R. CHAMBERS
<i>Surgeons</i>	{	F. L. JENNINGS
	{	DANIEL J. PESSAGNO
	{	WILLIAM F. RIENHOFF, JR.
	{	SIMON H. BRAGER
	{	RAYMOND F. HELFRICH
	{	CHARLES W. MAXSON
	{	HOWARD B. McELWAIN
<i>Surgeons, Associate</i>	{	JAMES W. NELSON
	{	JOHN A. O'CONNOR
	{	I. O. RIDGELY
	{	I. RIDGEWAY TRIMBLE

MERCY HOSPITAL STAFF—*Cont'd.*

	HAROLD P. BIEHL
	HAROLD H. BURNS
	S. DeMARCO, JR.
	MICHAEL L. DeVINCENTIS
	WILLIAM C. DUNNIGAN
	WILLIAM L. GARLICK
	JULIUS GOODMAN
<i>Surgeons, Assistant</i>	JOSEPH V. JERARDI
	F. FORD LOKER
	WILLIAM N. McFAUL, JR.
	KIRK MOORE
	PATRICK C. PHELAN, JR.
	JOHN F. SCHAEFER
	T. J. TOUHEY
	HOWARD L. ZUPNIK
<i>Thoracic Surgeon-in-Chief</i>	WILLIAM L. GARLICK
	SISTER PAULA MARIE
	SISTER M. CONRAD
	ELEANOR BEHR
	CONSTANCE CHAPMAN
<i>Technicians, Laboratory</i>	GERALDINE DABRZYKOWSKI
	PATRICIA FOGARTY
	ELIZABETH JOHNSON
	THERESA PAPIRI
	ANN ROGERS
	FLORESE SAMORODIN
<i>Urologist-in-Chief</i>	KENNETH D. LEGGE
	WILFORD A. COUNCILL, JR.
	LEON K. FARGO
<i>Urologists, Associate</i>	FRANCES W. GILLIS
	JOHN S. HAINES
	JOSEPH H. MENNING

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1954—JUNE 30, 1955

RESIDENT STAFF

LEONARD G. HAMBERRY, A.B., M.D.....	<i>Co-Resident in Surgery</i>
WILLIAM B. REVER, JR., M.D.....	<i>Co-Resident in Surgery</i>
FAUSTO M. PREZIOSO, M.D.....	<i>Senior Assistant Resident in Surgery</i>
IRA B. ANDERSON, B.S., M.D.....	<i>Senior Assistant Resident in Surgery</i>
LEONARD H. FLAX, B.S., M.D.....	<i>Junior Assistant Resident in Surgery</i>
RICHARD E. SCHINDLER, B.S., M.D.....	<i>Junior Assistant Resident in Surgery</i>
JOHN W. HEISSE, JR., A.B., M.D.....	<i>Junior Assistant Resident in Surgery</i>
GEORGE SCHIMERT, B. S., M.D.....	<i>Resident in Thoracic Surgery</i>

MERCY HOSPITAL RESIDENT STAFF—*Cont'd.*

JOHN O. SHARRETT, M.D.....	<i>Resident in Neurosurgery</i>
ROBERT A. MOORE, JR., A.B., M.D.....	<i>Assistant Resident in Neurosurgery</i> (July 1, 1954–November 1, 1954)
ISRAEL HOWARD WEINER, A.B., M.D.....	<i>Assistant Resident in Neurosurgery</i> (November 1, 1954–February 28, 1955)
WILLIAM HOWRY SLASMAN, JR., A.B., M.D.....	<i>Assistant Resident in Neurosurgery</i> (March 1, 1955–June 30, 1955)
JACINTO GOCHOCO, A. A., M.D.....	<i>Resident in Pathology</i>
EDWARD M. BARCZAK, M.D.....	<i>Resident in Gynecology</i>
JOSEPH T. MICHELS, B.S., M.D.....	<i>Resident in Obstetrics</i>
ROBERT W. O'CONNER, B.S., M.D.....	<i>Assistant Resident in Gyn and Obs</i>
GEORGE H. MILLER, B. S., M.D.....	<i>Assistant Resident in Gyn and Obs</i>
WILLIAM G. ESMOND, B. S., M.D.....	<i>Resident in Medicine</i>
ROBERT E. ENSOR, M.D.....	<i>Senior Assistant Resident in Medicine</i> (October 15, 1954–October 15, 1955)
RICHARD C. FRAVEL, M.D.....	<i>Senior Assistant Resident in Medicine</i> (July 1, 1954–October 31, 1954)
PAUL VAN LITH, M.D.....	<i>Senior Assistant Resident in Medicine</i> (August 1, 1954–July 31, 1955)
GEORGE H. BECK, A.B., M.D.....	<i>Junior Assistant Resident in Medicine</i>
CORBETT L. QUINN, A.B., M.D.....	<i>Junior Assistant Resident in Medicine</i>
LIBORIO C. GARCIA, A.A., M.D.....	<i>Resident in Pediatrics</i>
YUNG-TSING WONG, M.D.....	<i>Assistant Resident in Pediatrics</i>
NICHOLAS C. GARCIA, M.D.....	<i>Resident in Dentistry</i>
DONALD S. CARTER, M.D.....	<i>Resident in Otolaryngology</i>

ROTATING INTERNES

GEORGE M. BAUERNSCHUB, JR., B.S., M.D.	WILLIAM P. HOUP, A.B., M.D.
ANTHONY A. BERNARDO, B.S., M.D.	RICHARD A. JONES, M.D.
ARTHUR G. EDWARDS, JR., B.S., M.D.	HILBERT M. LEVINE, A.B., M.D.
O. NORMAN FORREST, JR., A.B., M.D.	JOHN F. MURTAUGH, JR., A.B., M.D.
DANIEL H. FRAMM, B.S., M.D.	ALBERT PATS, B.S., M.D.
DONALD A. GILLIS, B.S., M.D.	JAMES H. TEETER, A.B., M.D.
JAMES A. HIGGS, JR., B.S., M.D.	GEORGE H. WALL, B.S., M.D.
EDWARD W. HOPF, B.S., M.D.	ALVIN J. WALTERS, M.D.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF

ALLERGY, <i>Chief of Clinic</i>	S. EDWIN MULLER
ANTICOAGULANTS, <i>Medical Director of Clinic</i>	H. T. COLLEBERG
ANTICOAGULANTS, <i>Director of Clinic</i>	CHARLES E. BRAMBEL
BRONCHO-ESOPHAGOSCOPIST, <i>Chief of Clinic</i>	THEODORE A. SCHWARTZ
BRONCHO-ESOPHAGOSCOPIST, <i>Assistants</i>	ROBERT Z. BERRY
	JAMES J. GERLACH
	BENJAMIN H. ISAACS
	HARRY P. PORTER
	JOHN M. REHBERGER ⁶
	ARTHUR WARD

⁶ On leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Con't.*

CARDIOVASCULAR, <i>Acting Chief of Clinic</i>	HENRY J. L. MARRIOTT
CARDIOVASCULAR, <i>Assistant</i>	LEON ASHMAN
DIABETIC, <i>Chief of Clinic</i>	J. SHELDON EASTLAND
DIABETIC, <i>Assistant</i>	J. EMMETT QUEEN
DENTAL, <i>Chief of Clinic</i>	JOSEPH D. FUSCO
DENTAL, <i>Assistant</i>	{ EDWARD R. STINEBERT ROBERT MCLEAN
DENTAL, <i>Consultant</i>	CONRAD L. INMAN
DERMATOLOGY-SYPHILIS, <i>Chief of Clinic</i>	FRANCIS A. ELLIS
DERMATOLOGY-SYPHILIS, <i>Assistants</i>	{ EUGENE S. BERESTON WM. R. BUNDICK R. C. V. ROBINSON
GASTRO-ENTEROLOGY, <i>Chief of Clinic</i>	KARL W. EBELING
GASTRO-ENTEROLOGY, <i>Associate</i>	PHILIP D. FLYNN
GASTRO-ENTEROLOGY, <i>Consultant</i>	MAURICE FELDMAN, SR.
GYNECOLOGY, <i>Chief of Clinic</i>	FRANK K. MORRIS
GYNECOLOGY, <i>Assistants</i>	{ HARRY MCBECK ANTHONY DIPAULA CHARLES H. DOELLER, JR. WILLIAM A. DODD WILLIAM C. DUFFY VINCENT DE P. FITZPATRICK GERALD A. GALVIN WILLIAM D. GENTRY JOHN M. PALESE WILLIAM J. RYSANEK WALTER K. SPELSBERG F. X. PAUL TINKER ROBERT B. TUNNEY JOHN F. ULLSPERGER
MEDICINE, <i>Director of Clinic</i>	H. RAYMOND PETERS
<i>Chiefs</i>	{ S. EDWIN MULLER SOL SMITH
<i>Assistants</i>	{ RICHARD A. CAREY E. ELLSWORTH COOK, JR. JOHN R. DAVIS MAURICE FELDMAN, JR. WILLIAM H. GRENZER WILLIAM H. KAMMER ARTHUR KARFGIN FRANK T. KASIK JOHN C. OSBORNE J. EMMETT QUEEN M. KEVIN QUINN DONALD J. ROOP MARGARET SHERRARD-HAMBERY THADDEUS C. SIWINSKI FREDERICK J. VOLLMER

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

NEURO-SURGERY, <i>Chief of Clinic</i>	JAMES G. ARNOLD, JR.
NEURO-SURGERY, <i>Associates</i>	{ JOHN W. CHAMBERS FRANK J. OTENASEK RAYMOND K. THOMPSON
NEURO-SURGERY, <i>Consultant</i>	CHARLES J. BAGLEY, JR.
NEUROLOGY-PSYCHIATRY, <i>Chief of Clinic</i>	PHILIP F. LERNER
NEUROLOGY-PSYCHIATRY, <i>Associate</i>	GEORGE G. MERRILL
NEUROLOGY-PSYCHIATRY <i>Assistants</i>	{ FRANK J. AYD JOHN C. BRICKNER WILLIAM A. RINN FREDERICK F. WOLFF ⁶
NEUROLOGY-PSYCHIATRY <i>Consultants</i>	{ ANDREW C. GILLIS EDWARD L. SUAREZ-MURIAS
OBSTETRICS, <i>Chief of Clinic</i>	JOHN J. ERWIN
OBSTETRICS, <i>Assistants</i>	{ HARRY MCB. BECK J. BROOKE BOYLE, JR. WILLIAM A. DODD VINCENT DEP. FITZPATRICK WM. D. GENTRY HARRY F. KANE ANTHONY DEPAULA WILLIAM J. RYSANEK, JR. WALTER K. SPELSBERG ROBERT B. TUNNEY F. X. PAUL TINKER JOHN F. ULLSPERGER
ONCOLOGY, <i>Chief of Clinic</i>	JAMES W. NELSON
ONCOLOGY, <i>Consultant</i>	ARTHUR G. SIWINSKI
OPHTHALMOLOGY, <i>Associate</i>	{ JOSEPH V. JEPPI FRANK A. PACIENZA
OPHTHALMOLOGY, <i>Consultant</i>	M. RASKIN
ORTHOPEDICS, <i>Chief of Clinic</i>	HARRY L. ROGERS
ORTHOPEDICS, <i>Associates</i>	{ JASON H. GASKEL ISAAC GUTMAN
ORTHOPEDICS, <i>Assistant</i>	EVERETT D. JONES
OTOLARYNGOLOGY, <i>Chief of Clinic</i>	THEODORE A. SCHWARTZ
OTOLARYNGOLOGY, <i>Assistants</i>	{ ROBERT Z. BERRY JAMES J. GERLACH BENJAMIN H. ISAACS HARRY P. PORTER JOHN M. REHBERGER ⁶ ARTHUR WARD
PEDIATRICS, <i>Director of Clinic</i>	FRED B. SMITH
PEDIATRICS, <i>Chief of Clinic</i>	G. BOWERS MANSDORFER

⁶ On leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

	{	JOSEPH CORDI
	{	EDWARD L. FREY
	{	DAVID JOSEPHS
	{	FREDERICK HELDRICH
PEDIATRICS, <i>Assistants</i>	{	MARY E. MATTHEWS
	{	ISRAEL T. MERANSKI
	{	G. WALTER SPURRIER
	{	EARL WEEKS
	{	CARLTON WICHES
PEDIATRICS-NEUROLOGY	{	ROBERT N. CROSBY
PHYSIOTHERAPISTS	{	LEON HANNAN
	{	ALICE R. HANNAN
PLASTIC SURGERY, <i>Chief of Clinic</i>	{	EDWARD A. KITLOWSKI
PLASTIC SURGERY, <i>Assistant</i>	{	CLARENCE P. SCARBOROUGH
PROCTOLOGY, <i>Chief of Clinic</i>	{	SIMON H. BRAGER
PROCTOLOGY, <i>Assistant</i>	{	WILLIAM J. SUPIK
RADIOLOGY	{	EDWARD R. DANA
THORACIC SURGERY, <i>Chief of Clinic</i>	{	WILLIAM L. GARLICK
UROLOGY, <i>Chief of Clinic</i>	{	KENNETH D. LEGGE
	{	WILFORD A. COUNCILL, JR.
	{	L. K. FARGO
UROLOGY, <i>Assistants</i>	{	FRANCIS W. GILLIS
	{	JOHN S. HAINES
	{	JOSEPH H. MENNING
OUT PATIENT DEPARTMENT, <i>Directors</i>	{	SISTER MARY ANITA
	{	SISTER M. SCHOLASTICA

MEDICAL CARE CLINIC

MERCY HOSPITAL

<i>Director</i>	S. EDWIN MULLER
<i>Assistant Director</i>	M. PATRICIA LENNON

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Medical Care Clinic at Mercy Hospital is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Ar-

rangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends to him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Staff at Mercy are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

MERCY HOSPITAL OUT-PATIENT DEPARTMENT REPORT JANUARY 1, 1953 TO JANUARY 1, 1954

	<i>New</i>	<i>Visits</i>	<i>Old</i>	<i>Total</i>
<i>Medical Clinics</i>				
Allergy	8		35	43
Cardiac	52		585	637
Chest	14		78	92
Diabetes	40		717	757
Gastro-Intestinal	27		137	164
Medicine	676		3,323	3,999
Neurology	117		688	805
Skin	316		675	991
<i>Surgical Clinics</i>				
Genito-Urinary	76		182	258
Neurological Surgery	40		120	160
Orthopedics	268		509	777
Proctology	39		49	88
Surgery, General	1,084		2,385	3,469
Surgery, Follow Up	166		626	792
<i>Other Clinics</i>				
Bronchoscopic	0		0	0
Dental	275		273	548
Eye	360		394	754
Gynecology	389		1,317	1,706
Medical Care	345		0	345
Nose and Throat	528		929	1,457
Pediatrics	718		1,784	2,502
Physiotherapy	30		479	509
Prenatal	306		2,185	2,491
Postnatal	185		1	186
Totals	6,059		17,471	23,530
<i>Special Service Departments</i>				
Basal Metabolism Tests				85
Cystoscopic Examinations				48
Electrocardiographs				229
X-ray Patients				2,034

THE BALTIMORE CITY HOSPITALS

STAFF, 1954-1955

PARKER J. McMILLIN, *Superintendent*

ANESTHESIOLOGY

<i>Anesthesiologist, Chief</i>	OTTO PHILLIPS
<i>Anesthesiologists, Visiting</i>	{ FRANK BRADY CHARLES HOBELMANN ALFRED T. NELSON THEODORE STACY
DENTAL DIVISION, <i>Chief</i>	H. GLENN WARING
<i>Dental Surgeons, Visiting</i>	{ L. W. BIMESTEFER ELPIDIO DIAZ B. MIKSINSKI J. T. REILLY MICHAEL VARIPATIS
<i>Orthodontist, Visiting</i>	R. KENT TONGUE

GYNECOLOGY

<i>Gynecologist, Chief</i>	BEVERLEY C. COMPTON
<i>Gynecologists, Visiting</i>	{ WILLIAM K. DIEHL EVERETT S. DIGGS GERALD GALVIN RAYMOND MARKLEY

MEDICINE

<i>Physician-in-Chief</i>	GEORGE S. MIRICK
<i>Physicians-in-Chief, Assistant</i>	{ DOUGLAS CARROLL FRANCIS P. CHINARD HOWARD K. RATHBUN
<i>Physicians-Hospital, OPD</i>	{ WORTH B. DANIELS ORLYN H. WOOD HILTGUNT ZASSENHAUS
<i>Physicians, Visiting (USPHS)</i>	{ ERNEST CROSS, JR. JOSEPH D. B. KING CRAWFORD KIRKPATRICK JULIUS KREVANS MILTON LANDOWNE WILLIAM G. SPEED JULIUS WAGHELSTEIN JOHN G. WISWELL
<i>Physicians, Visiting, OPD</i>	{ STANLEY COHEN WILLIAM A. FEARING SAMUEL LEGUM RAY LIU JOSEPH C. MATCHAR ROBERT A. REITER DANIEL WILFSON JOSEPH B. WORKMAN

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Physician, Assistant Visiting</i> (USPHS).....	{ JOSEPH FALZONE FELIX SILVERSTONE RODGER L. BLACK ALFRED J. BOLLET C. HOLMES BOYD JOSEPH BUNIM C. L. CONLEY A. MURRAY FISHER A. M. HARVEY J. E. HOWARD JOHN T. KING L. A. M. KRAUSE LOUIS LASAGNIA THEODORE WOODWARD
<i>Physicians, Consulting</i>	

DERMATOLOGY

<i>Dermatologist, Visiting</i>	RAYMOND C. V. ROBINSON
--------------------------------------	------------------------

NEUROLOGY

<i>Neurologist, Consulting</i>	FRANK FORD
<i>Neurologist, Visiting</i>	J. W. MAGLADERY
<i>Neurologist, Assistant Visiting</i>	DAVID B. CLARK, M.D.

PHYSIOLOGY (USPHS)

<i>Physiologist</i>	NATHAN W. SHOCK
---------------------------	-----------------

PSYCHIATRY

<i>Psychiatrists, Visiting</i>	{ THEODORE M. FELDBERG ESTHER L. RICHARDS
--------------------------------------	--

OBSTETRICS

<i>Obstetrician-in-Chief</i>	LOUIS H. DOUGLASS
<i>Obstetrician, Visiting</i>	J. MORRIS REESE GEORGE W. ANDERSON GEORGE CORNER J. WILLIAM DORMAN LOUIS C. GAREIS D. FRANK KALTREIDER JOHN SAVAGE JAMES SHELL
<i>Obstetricians, Assistant Visiting</i>	

PATHOLOGY

<i>Pathologist-in-Chief</i>	ABOU D. POLLACK
<i>Neuropathologist, Visiting</i>	JOHN WAGNER

PEDIATRICS

<i>Pediatrician-in-Chief</i>	HAROLD E. HARRISON
<i>Pediatrician-in-Chief, Assistant</i>	LAURENCE FINBERG

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

Pediatrician, (Hospital Physician) JAMES CHISOLM, JR.

Pediatrician, Consultant in Cardiology . . HELEN TAUSSIG

Pediatricians, Visiting { MILTON MARKOWITZ
ANTHONY PEARLMAN
TALMADGE PINKNEY
ARNOLD TRAMER
PAUL F. WEHRLE

RADIOLOGY

Radiologist-in-Chief JOHN DECARLO

Radiologist, Visiting HERBERT B. COPELAND

SURGERY

Surgeon-in-Chief OTTO C. BRANTIGAN

Surgeons, Consultant { THURSTON ADAMS
HARRY C. BOWIE
AMOS KOONTZ
I. RIDGEWAY TRIMBLE

Surgeons, Visiting { DONALD HEBB
JOSEPH MILLER
JAMES C. OWINGS

Gastro-enterology, Consultant in WILLIAM EBERLING

Hand Surgery, Consultant in RAYMOND CURTIS

Neuro-Surgery, Consultants in { JAMES G. ARNOLD
RICHARD COBLENTZ
R. K. THOMPSON

Neuro-surgeon, Consultant CHARLES BAGLEY

Neuro-surgeons Visiting { ROBERT M. N. CROSBY
WILLIAM MOSBERG

Oncologist, Visiting ARTHUR SIWINSKI

Ophthalmologist, Visiting WILLIAM MARR

Orthopedic Surgery, Consultant ALLEN F. VOSHELL

Orthopedic Surgeon, Visiting MILTON J. WILDER

Orthopedic Surgeons, Asst. Visiting . . . { ISAAC GUTMAN
EVERETT D. JONES
JOHN TANSEY

Otolaryngologist, Consultant JOHN BORDLEY

Otolaryngology, Consultant in FRED KYPER

Otolaryngologist, Visiting ALFRED LIEBERMAN

*Peripheral Vascular Diseases, Con-
sultant in* GEORGE YEAGER

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Plastic Surgery, Consultants in</i>	{ EDWARD A. KITLOWSKI CLARENCE P. SCARBOROUGH
<i>Proctology, Consultant in</i>	MONTE EDWARDS
<i>Thoracic Surgery, Consultants in</i>	{ R. ADAMS COWLEY WILLIAM GARLICK
<i>Traumatic Surgery, Consultant in</i>	C. A. REIFSCHNEIDER
<i>Urology, Consultants in</i>	{ HUGH JEWETT HOWARD B. MAYS JOHN D. YOUNG
<i>Urologist, Visiting</i>	HERMAN J. MEISEL
TUBERCULOSIS	
<i>Physician-in-Chief</i>	H. VERNON LANGELUTTING
<i>Physician-in-Chief, Assistant</i>	EDMUND G. BEACHAM
<i>Hospital Physicians-Tbc</i>	{ MUTLU ATAGUN HERMAN SCHAERF SAMUEL SEGALL
<i>Visiting Physician-Tbs</i>	JOHN HIRSCHFELD
<i>Assistant Visiting Physician-Tbc</i>	M. W. JACOBSON

BALTIMORE CITY HOSPITALS

RESIDENT AND INTERNE STAFF 1954-1955

ANESTHESIOLOGY

<i>1st Assistant Resident</i>	ALEJZNDRO GAYOSO
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GYNECOLOGY

<i>Resident</i>	FRANCIS BAZIN
<i>Assistant Residents</i>	{ YVES BOENNEC OLIVER B. DAVENPORT

MEDICINE

<i>Resident</i>	BARNETT BERMAN
<i>Assistant Residents (Neuro)</i>	{ MATTHEW ATKINSON FLAVIU ROMANUL PERRY AUSTIN GEORGE BUCHANAN GORDON CADER—from Jan. 1, 1955 ROY CHESTNUT WILSON Lo ELEANOR MCGARRY JOHN C. MORGAN—to Dec. 31, 1954 MELVIN ROSENTHAL MIRIAM ROSENTHAL IRWIN STOLOFF

BALTIMORE CITY HOSPITAL RESIDENT AND INTERN STAFF—*Cont'd.*

	MARCEL BALTZAN
	JOHN BAUM
	JULES EDLOW
	ATAOLLAH GOLPIRA
<i>Interns</i>	CALVIN HUGHES
	JOHN IRELAND
	MASON LORD
	WILLIAM MILLER
	AUTOMINA SIDOROWICA
	GERALD WEINTRAUB
OBSTETRICS	
<i>Resident</i>	LOUIS MOULD
<i>Assistant Residents</i>	{ HENRY ALDIS
	{ RAFAEL GARCIA
	{ GUILLERMA S. NAVAL
<i>Interns</i>	{ NURAN TURKSOY
	{ MANUEL ROCHA
PATHOLOGY	
<i>Resident</i>	FRANCIS GYORKEY
<i>Assistant Resident</i>	JOHN C. MORGAN—from Jan. 1, 1955
PEDIATRICS	
<i>Resident OPD</i>	HUGUETTE SALTI
<i>Assistant Residents</i>	{ JAMES BARNES
	{ CARL BRENNAN
	{ ALVIN STAMBLER
	{ MARTHA MANN
<i>Interns</i>	{ YAHYA BERKMEN
	{ HANNELORE HEINEBERG
	{ MEHDI MACKIA—to Jan. 1, 1955
	{ ERIKA WIETCHUCHTER—from Jan. 1, 1955
	{ MARIA CARLINI
RADIOLOGY	
<i>Resident</i>	BHASKER DESAI
<i>Assistant Resident</i>	JAYKER PANDYA
<i>Intern</i>	LOUIS SOD—from Aug. 1, 1954
SURGERY	
<i>Co-Residents</i>	{ JOHN HAYNES
	{ JAHNAGEER NOURI
<i>1st Assistant Residents</i>	{ JOHN COLES, III
	{ FREDERICK PANICO
<i>2nd Assistant Residents</i>	{ FERNANDO ALONSO-LEJ
	{ WILLIAM A. KESSLER

BALTIMORE CITY HOSPITAL RESIDENT AND INTERN STAFF—*Cont'd*

<i>Assistant Residents (Neuro)</i>	{ ISRAEL WEINER—July–November WILLIAM SLASMAN—DECEMBER–FEBRUARY ROBERT MOORE—March–June
<i>Resident in Thoracic Surgery</i>	GEORGE SCHIMERT
<i>Junior Assistant Residents</i>	{ ALBERT BENSHIMOL LEWIS CLOUGH MOHAMED KAKVAN GEORGE PIPIS ODILIO DA SILVA FELICIEN STEICHEN—from Oct. 1, 1954
TUBERCULOSIS	
<i>Resident</i>	HANS KUMAR
<i>Assistant Resident</i>	VIOLET HEMMINGER
DENTAL DIVISION	
<i>Resident</i>	EDMUNDO B. NERY
<i>Interne</i>	ALEJANDRO CUNANAN
ROTATING INTERNES.....	{ LOURDES AGUTO KATHLEEN CARNEY
	{ JEAN COYLE
	{ ANNELIES FRIES
	{ VICTOR ORTIZ

THE JAMES LAWRENCE KERNAN HOSPITAL AND
INDUSTRIAL SCHOOL OF MARYLAND FOR
CRIPPLED CHILDREN

STAFF, 1954–1955

<i>Surgeon-in-Chief and Medical Director</i>	ALLEN FISKE VOSHELL, A.B., M.D.
<i>Associate Orthopaedic Surgeons</i>	{ MOSES GELLMAN, B.S., M.D. HARRY L. ROGERS, M.D. HENRY F. ULLRICH, M.D. WINTHROP M. PHELPS, A.B., M.D. MILTON J. WILDER, M.D. DAVID L. FILTZER, M.D. JAMES P. MILLER, M.D. ROBERT C. ABRAMS, M.D. ISAAC A. GUTMAN, M.D. JOHN J. TANSEY, M.D.
<i>Roentgenologist</i>	{ EVERETT D. JONES, M.D. JOHN DE CARLO, JR., M.D.
<i>Plastic Surgeon</i>	EDWARD A. KITLOWSKI, A.B., M.D.
<i>Aurist and Laryngologist</i>	BENJAMIN S. RICH, A.B., M.D.
<i>Dentist</i>	M. E. COBERTH, D.D.S.

KERNAN HOSPITAL STAFF—*Cont'd.*

<i>Cardiologist</i>	HELEN M. TAUSSIG, M.D.
<i>Pediatricist</i>	MELCHIJAH SPRAGINS, M.D.
<i>Consulting Surgeon</i>	CHARLES REID EDWARDS, A.B., M.D.
<i>Consulting Neurological Surgeon</i>	CHARLES BAGLEY, JR., M.A., M.D.
<i>Consulting Dermatologists</i>	{ HARRY M. ROBINSON, SR., M.D. LEON GINSBURG, M.D.
<i>Consulting Neurologists</i>	{ IRVING J. SPEAR, M.D. R. V. SELIGER, M.D.
<i>Consulting Pediatricists</i>	{ BENJAMIN TAPPAN, A.B., M.D. J. EDMUND BRADLEY, M.D.
<i>Consulting Pathologist</i>	HUGH R. SPENCER, M.D.
<i>Consulting Roentgenologist</i>	HENRY J. WALTON, M.D.
<i>Resident Orthopaedic Surgeon</i>	{ ELI M. LIPPMAN, M.D. RALPH A. REILLY, M.D.
<i>Superintendent</i>	MISS MAUD M. GARDNER, R.N.
<i>Dispensary and Social Service Nurse</i>	MRS. EVELYN BYRD ZAPP, R.N.
<i>X-ray Technicians</i>	{ MISS NANCY R. BUTLER MISS JULIA A. COLLINS MRS. GEORGINA WISONG
<i>Physical Therapists</i>	WILLIAM NEILL, III
<i>Instructor in Grammar School</i>	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the

medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 35,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the

profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

OUT PATIENT DEPARTMENT

The Out Patient Department is located on the S.W. corner of Lombard and Greene Streets. The building was originally the University Hospital. It has been remodeled to provide space and facilities for more than thirty clinics, the departments of X-ray, a Pharmacy, Laboratory and other ancillary services. Admission policies are predicated upon the teaching requirements of the School of Medicine and the ward services of the University Hospital.

A close liaison is maintained with the City Health Department through the joint efforts of the University Hospital and the City Department of Health in maintaining the Well Baby Clinic, the Western Health District and the Medical Care Clinic, which are housed in the Out Patient Department building.

The Department of Art and the Department of Dental Anatomy also have quarters in the Out Patient Department building.

UNIVERSITY HOSPITAL

The University Hospital, which is the property of the University of Maryland, is the oldest institution for the care of the sick in the state of Maryland. It was opened in September 1823, under the name of the Baltimore Infirmary, and at that time consisted of but four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the new University Hospital was erected and patients were admitted to this building in November 1934. The new hospital is situated at the southwest corner of Redwood and Greene Streets, and is consequently opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the new building.

This new building, with its modern planning, makes a particularly attractive teaching hospital and is a very valuable addition to the clinical facilities of the medical school.

The new hospital has a capacity of 435 beds and 65 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, and the various medical and surgical specialties.

The teaching zone extends from the second to the eighth floor and comprises wards for surgery, medicine, obstetrics, pediatrics, and a large clinical lecture hall. There are approximately 270 beds available for teaching.

The space of the whole north wing of the second floor is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with new and very

attractive air-conditioned or oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The third and fourth floors each provide two medical and two surgical wards. The fifth floor contains two wards for pediatrics, and on the sixth floor there are two wards for obstetrics. Each ward occupies the space of one wing of the hospital.

On the seventh floor is the general operating suite, the delivery suite, and the central supply station. The eighth floor is essentially a students' floor and affords a mezzanine over the operating and delivery suites, and a students' entrance to the clinical lecture hall.

In the basement there is a very well appointed pathological department with a large teaching autopsy room and its adjunct service of instruction of students in pathological anatomy.

The hospital receives a large number of accident patients because of its proximity to the largest manufacturing and shipping districts of the city.

The obstetrical service provides accommodation for 40 ward patients and assures the student abundant obstetrical training. During the year ending December 31st 1952, 3160 patients were delivered and discharged. Of these, 2220 were service cases and available for teaching. Each member of the graduating class participated in an average of 11 deliveries in addition to those he attended at Baltimore City Hospitals as a junior student.

The dispensaries associated with the University Hospital and the Mercy Hospital are organized upon a uniform plan in order that the teaching may be the same in each. Each dispensary has the following departments: medicine, surgery, pediatrics, ophthalmology, otology, genito-urinary, gynecology, gastroenterology, neurology, orthopaedics, proctology, dermatology, laryngology, rhinology, cardiology, tuberculosis, psychiatry, oral surgery and oncology.

All students in their junior year work each day during one-third of the year in the departments of medicine and surgery of the dispensaries. In their senior year, all students work one hour each day in the special departments.

MERCY HOSPITAL

Mercy Hospital traces its history back to the foundation of the Washington School of Medicine in 1824. In 1872 a few members of this institution founded a new school, which became the College of Physicians and Surgeons of Baltimore.

Washington School of Medicine opened a dispensary and a small hospital at the corner of Saratoga and Calvert Streets and named it the Baltimore City Hospital. This building served both as a hospital and a medical school. In 1874 the Sisters of Mercy, upon the invitation of Washington School of Medicine, assumed responsibility for the Nursing Services of the hospital. In 1876, Washington University merged with the College of Physicians and Surgeons.

The Sisters of Mercy with the assistance of the Faculty of the College of Physicians and Surgeons laid the cornerstone of the present hospital building in 1888. Since then the growing demands for more space have compelled the erection of addition after addition until now it accommodates 356 patients.

In 1909 the name of the Baltimore City Hospital was changed to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the University of Maryland School of Medicine and College of Physicians and Surgeons. One hundred ninety-three beds are allotted for teaching purposes.

During the year ending December 31, 1953, there were 12,814 general admissions, 23,530 dispensary visits, 2,330 obstetrical deliveries, and 13,613 emergency visits in the Accident Department.

The departments of Anesthesia, Pathology and Roentgenology are full time.

Mercy Hospital founded its School of Medical Technology in 1932. It is approved by the Council of Medical Education and Hospitals of the American Society of Clinical Pathologists.

THE BALTIMORE CITY HOSPITALS

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 420 beds, 80 bassinets.

The Hospital for Chronic Cases, 500 beds.

The Hospital for Tuberculosis, 440 beds.

Infirmity (Home for Aged) 425 beds.

Out Patient Department.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name

then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1953 the out-patient visits numbered 22,449.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

LUTHERAN HOSPITAL OF MARYLAND INC.

The Lutheran Hospital of Maryland Inc., originally organized in 1923 as the West Baltimore General Hospital, is a general hospital of 191 adult beds and 43 bassinets, located in the western section of the city. The hospital became an affiliate of the School of Medicine in 1953.

The Lutheran Hospital of Maryland offers an academic postgraduate program in the major specialties of medicine, surgery, gynecology, and obstetrics, being fully approved by the respective American Boards. A postgraduate teaching program of lectures and clinics is an integral part of the residency training. The hospital provides modern laboratory and library facilities, particularly adapted to postgraduate medical education. An adequate clinical service is maintained for training in the medical and surgical specialties. All academic programs are under the supervision of a Director of House Officer Training.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION FOR ADMISSION

When to apply:

Applications must be filed during the period from September 15 to January 15 for the subsequent September class.

Where to apply:

Requests for application forms should be sent to the Committee on Admissions, School of Medicine, University of Maryland, 522 West Lombard Street, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

- (a) Graduation from an approved secondary school, or the awarding of a high school equivalency certificate by a state or county board of public education, and
- (b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.
- (c) The following courses and credits in required basic subjects must be completed by June of the year the applicant desires to be admitted:

	<i>Semester hours</i>	<i>Quarter hours</i>
General biology or zoology	*(6) 8	*(9) 12
Inorganic chemistry	*(6) 8	*(9) 12
Organic chemistry	6-8	9-12
General physics	*(6) 8	*(9) 12
English	6	9
Modern language (German, French, Spanish) . .	6	9

* Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

- (d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.
Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.
- (e) Students will not be admitted who have unabsolved conditions or failures in college courses.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

<i>Humanities</i>	<i>Natural Sciences</i>	<i>Social Sciences</i>
English (an advanced course in English composition should be taken, if possible)	Vertebrate Embryology	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	Quantitative Analysis	Political Science
	Physical Chemistry	Psychology (a general course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six semester hours in the humanities and social sciences are recommended in a three-year college course. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who manifest an aptitude for the natural sciences or as limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of C or better without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of the State by maintaining such residence for at least one full year. However, the right of the minor students to change from a non-resident to resident status must be established by him prior to the registration period for any semester.

Adult students are considered to be resident if at the time of their registration they have been domiciled in this State for at least one year provided such residence has not been acquired while attending any school or college in Maryland or elsewhere.

The word domicile as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

CURRENT FEES

Application fee.....	\$7.50
Matriculation fee (paid once).....	10.00
Tuition fee (each year)—Residents of Maryland.....	450.00
Tuition fee (each year)—Non-Residents.....	700.00
Laboratory fee (each year).....	25.00
Student health service fee (each year).....	30.00
Student activities and service fee (each year).....	20.00
†Lodging and meals fee.....	20.00
Graduation fee.....	15.00
Re-examination fee (each subject).....	5.00
Transcript fee to graduates. First copy gratis, single copies thereafter..	1.00
Late registration fee.....	5.00

† Senior Students will be billed for this fee, covering lodging and meals for a two-week period while on obstetrical service at Baltimore City Hospitals. **This fee must be paid by all senior students whether or not they serve during the previous summer or during the academic year.**

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of \$10.00 and of a deposit on tuition of \$50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This remittance will be credited upon registration to the first semester charges. In the event of withdrawal before registration the \$10.00 matriculation fee will be retained by the School of Medicine and the \$50.00 advance deposit will be returned on request.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. All students are expected to complete their registration, including the payment of bills prior to or on regular registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

One-half of the tuition fee and all of the following—the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of \$5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office \$5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes and provides photographs for identification for all school purposes, including state boards. It supports the activities of the Student Council. A portion (\$5) of this fee provides a year-book for each medical student.

STUDENT HEALTH SERVICE

JAMES R. KARNS, M.D..... Director, Student Health Service.

The Medical School has made provision for the systematic care of undergraduate medical students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the director, Dr. James R. Karns, in his office on the 8th floor University Hospital at 12 m. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine. Long study hours bring out unsuspected eye defects which cause loss of time and inefficiency in study if not corrected before school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

GRADING SYSTEM

Official grades are designated by these symbols:

<i>Symbol</i>	<i>Scholarship</i>	<i>Numerical Equivalents</i>
A	Superior	93-100
B	Good	87- 92
C	Fair	80- 86
D	Passing	75- 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.

2. No student will be permitted to advance with unabsolved failures.

3. An average of C or better without failures in the year most recently completed is required for advancement to junior and senior standing and for graduation.

4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.

5. A student who has failures in two completed major subjects will be dropped from the rolls.

6. Students are required to attend all scheduled classes.

7. Should a student be required to repeat any year in any course, he must pay regular fees.

8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.

9. The general fitness of a candidate for advancement and for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must provide themselves with microscopes of a satisfactory type equipped with a mechanical stage and a

substage lamp. Also, each freshman must possess a complete set of dissecting instruments.

A standard microscope made by Bausch & Lomb, Leitz, Zeiss or Spencer fitted with the following attachments, meets the requirements.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.

4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.

1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.

Oculars: 10x and 5x. Huygenian eyepieces.

Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror-plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used or odd-lot microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the Division of Microscopic Anatomy. Microscopes to be inspected should be brought to Room 209 second floor Bressler Research Laboratory, 29 S. Greene Street before September 10. This inspection is not usually made during August.

11. Students in the second year class are required to provide themselves with stethoscopes, haemocytometers, sphygmomanometers, ophthalmoscopes and otoscopes. Third and fourth year students are required to provide themselves with short white lapel coats. Three button, 8 ounce sanforized duck are satisfactory.

STATE QUALIFYING CERTIFICATES

12. Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York must file State qualifying certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exception will be made to this rule.

EYE EXAMINATION BEFORE ADMISSION

13. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined under a cycloplegic and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

14. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

- a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.
- b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.
- c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

15. Graduates will receive the first transcript of record without charge. After the first copy has been issued single copies will cost one dollar. When two or more copies are requested at the same time the first copy will cost one dollar, additional copies fifty cents each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, 522 West Lombard Street, Baltimore-1, Maryland.

CHANGE OF ADDRESS

16. Students are required to give the Dean's Office prompt notice of change in address.

PARKING

17. Students are not permitted to use the university parking lots.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.—12:30 a.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person. Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

<i>Period elapsed after instruction begins.</i>	<i>Percentage refundable</i>
Two weeks or less.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%
After five weeks.....	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of \$25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value \$100.00 each)

A certificate of proficiency and a prize of \$100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they must be filed not later than May 15th for the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value \$100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each

year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value \$100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value \$100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value \$125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Advisory Board that he is worthy of and in need of assistance.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value \$300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value \$150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value \$250.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately \$250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of \$500.00 is now available to cover two (2) scholarships in the amount of \$250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Commit-

tees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907 and a gift of Dr. Frank A. Merlino, Class 1928. Loans will be made on the basis of need, character, and scholastic ability.

THE EDWARD L. MEIERHOF LOAN FUND

This bequest was established through a grant from Dr. Edward L. Meierhof, who was graduated from the Medical School in 1881. The principal of this fund will be used as a rotating loan fund from which loans will be made to regularly enrolled students of the School of Medicine on the basis of need, character and scholastic attainment.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of \$100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of \$100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior

class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under sixteen departments.

1. Anesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Biological Chemistry.
4. Gynecology.
5. Medicine (including Medical Specialties).
6. Microbiology.
7. Obstetrics.
8. Ophthalmology.
9. Pathology.
10. Pediatrics.
11. Pharmacology.
12. Physiology.
13. Preventive Medicine and Rehabilitation.
14. Psychiatry.
15. Radiology.
16. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

ANESTHESIOLOGY

ROBERT B. DODD..... Professor of Anesthesiology and Head of the Department
ALFRED T. NELSON..... Clinical Professor of Anesthesiology

PAUL R. HACKETT.....	Associate Professor of Anesthesiology
OTTO C. PHILLIPS.....	Clinical Assistant Professor of Anesthesiology
HOWARD S. LIANG.....	Instructor in Anesthesiology
JAMES RUSSO.....	Clinical Instructor in Anesthesiology
CHARLES F. HOBELMAN.....	Clinical Instructor in Anesthesiology
THEODORE E. STACY, JR.....	Clinical Instructor in Anesthesiology

During the pre-clinical years and the third year, the department of Anesthesiology will present a series of guest lectures. The purpose of these lectures will be to show the application of the basic science material to the clinical practice of anesthesiology. In the third year the lectures will demonstrate how the various facets of the clinical entity under discussion affect the choice of pre-anesthetic medication, the anesthetic agent and the technique to be employed.

Fourth Year. Each senior student is required to spend six hours per week for four weeks observing and administering anesthesia in the operating room at the University Hospital. During this period informal group discussions will be held to emphasize the factors affecting the management of the patient and the relation of these factors to the cases observed by the students in the operating rooms.

ANATOMY

Gross Anatomy

EDUARD UHLENHUTH.....	Professor of Anatomy and Head of the Department
VERNON E. KRAHL.....	Associate Professor of Anatomy
KARL F. MECH.....	Assistant Professor of Anatomy
ROBERT E. McCAFFERTY.....	Instructor in Anatomy
NATHAN SNYDER.....	Instructor in Anatomy of the Eye, Ear, Nose and Throat
GLADYS E. WADSWORTH.....	Instructor in Anatomy

Histology, Embryology and Neuro-Anatomy

FRANK H. J. FIGGE.....	Professor of Anatomy
O. G. HARNE.....	Associate Professor of Anatomy
H. PATTERSON MACK.....	Assistant Professor of Anatomy

Surgical Anatomy

OTTO C. BRANTIGAN.....	Professor of Surgical Anatomy
W. WALLACE WALKER.....	Associate Professor of Surgical Anatomy
WILLIAM B. SETTLE.....	Assistant Professor of Surgical Anatomy
HERBERT E. REIFSCHNEIDER.....	Associate in Surgical Anatomy
HARRY C. BOWIE.....	Associate in Surgical Anatomy
ROSS Z. PIERPONT.....	Associate in Surgical Anatomy

GROSS ANATOMY. *First Year.* First semester. The gross structure of the human body, studied by dissection of the human cadaver. The entire human body is dissected. Approximately 370 hours; of these 80 hours are devoted to lectures and conferences, the rest to laboratory work and demonstrations. Drs. Uhlenhuth, Krahl, Mech, McCafferty and Miss Wadsworth.

First Year. First Semester. Peripheral Nervous System. A lecture course of approximately 32 hours, in two-hour periods each Saturday morning. Dr. Uhlenhuth.

HISTOLOGY AND EMBRYOLOGY *First Year.* First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body.

An attempt will be made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis will be placed on the dynamic and functional aspects of the subject. 150 hours. Dr. Figge, Prof. Harne, Dr. Mack.

NEUROANATOMY. *First Year.* Second Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 100 hours. Dr. Figge, Prof. Harne, and Dr. Mack.

SURGICAL ANATOMY. *Second Year.* Second Semester. Topographic and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. Students are required to dissect and demonstrate all points, outlines and regions of the cadaver. Underlying regions are dissected to bring out lines and relations of structures. Dr. Brantigan and staff.

Total hours: 96

GRADUATE AND POSTGRADUATE COURSES. Consult the general catalog of the University of Maryland for descriptions of these courses.

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE	Associate Professor of Art as Applied to Medicine
THOMAS M. STEVENSON, JR.	Junior Instructor in Art as Applied to Medicine
RAYMOND J. CLAYTON, JR.	Assistant in Art as Applied to Medicine
JANE L. BLEAKLEY.....	Assistant in Art as Applied to Medicine
GARNET E. AFFLECK, JR.	Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. This also includes the preparation of illustrations for use in public relations, drawings, paintings, photography, cinematography, lithography and moulage. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

MICROBIOLOGY (BACTERIOLOGY)

CHARLES L. WISEMAN, JR.	Professor of Microbiology and Head of the Department
EDWARD STEERS.....	Associate Professor of Microbiology
ANDREW G. SMITH.....	Assistant Professor of Microbiology
H. EDMUND LEVIN.....	Associate in Microbiology
MERRILL J. SNYDER.....	Instructor in Microbiology
ELIZABETH C. HEINZ.....	Junior Instructor in Microbiology
NORMA MARY KEIGLER.....	Bressler Reserve Fund Research Fellow in Microbiology
ROBERT C. WOOD.....	U. S. Navy Research Fellow in Microbiology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 150.

Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOLOGICAL CHEMISTRY

EMIL G. SCHMIDT.....	Professor of Biological Chemistry and Head of the Department
EDWARD J. HERBST.....	Associate Professor of Biological Chemistry
RAYMOND E. VANDERLINDE.....	Associate Professor of Biological Chemistry
WILLIAM H. SUMMERSON.....	Lecturer in Biological Chemistry
ANN VIRGINIA BROWN.....	Instructor in Biological Chemistry
ELEANOR B. GLINOS.....	Research Assistant in Biological Chemistry
FRANK D. VASINGTON.....	Bressler Reserve Fund Fellow in Biological Chemistry
ROBERT H. WEAVER.....	Fellow in Biological Chemistry
DONALD HELINSKI.....	John F. B. Weaver Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOSTATISTICS

Refer to the Department of Hygiene and Public Health for a description of this course.

CARDIOLOGY

[A DIVISION OF MEDICINE]

LOVE, WILLIAM S.....	Professor of Clinical Medicine and Chief, Division of Cardiology
LEACH, C. EDWARD.....	Assistant Professor of Medicine and Chief, Adult Cardiology Outpatient Clinic
SCHERLIS, SIDNEY.....	Assistant Professor of Medicine and Chief, Pediatric Cardiology Outpatient Clinic

SCHERLIS, LEONARD.....	Associate in Medicine
TOWNSHEND, WILFRED H.	Associate in Medicine
VAN LILL, STEPHEN J., III.....	Associate in Medicine
SWISHER, KYLE W.....	Instructor in Medicine
ADAMS, CHARLES B., JR.....	Trainee in Cardiology
RICHARDSON, AUBREY.....	Trainee in Cardiology

First and Second Years. Lectures and demonstrations in the Electrical Activity of the Heart in collaboration with the Department of Physiology.

Third Year. Conferences, clinics and Outpatient work in Cardiology. Consultation rounds in conjunction with medical clinical clerkships.

Fourth Year. Weekly consultation conference concerning diagnosis, treatment and special diagnostic techniques in Cardiology. Senior students participate in the Cardiology Outpatient Clinic for four weeks.

Elective Course in Graphic Studies of the Heart. Instruction in electrocardiography, spatial vectorcardiography, principles of catheterization of the heart and angiocardiology. 20 hours.

Summer Fellowships. Junior students may work as Fellows in Cardiology during the summer months, participating in special cardiac studies (catheterization, angiocardiology, electrocardiology, etc) and in current research. Application should be made to the Chief of the Section prior to January 1.

Traineeships in Cardiology. These are available to selected postgraduate applicants. The Trainee participates in the activities of the Section and receives a financial stipend. Application is made through the Chief of the Section in October. The Traineeship begins the first of the following July.

CARDIO-PULMONARY PHYSIOLOGY [A DIVISION OF SURGERY]

R. ADAMS COWLEY.....	Director
HARRIET M. DIVERS.....	Technician
FRIEDA RUDO.....	Technical Consultant

A laboratory organized for the study and investigation of physiological processes involved in Cardiovascular and Pulmonary diseases.

Postgraduate instruction is available in the techniques of cardiac catheterization, pulmonary function studies and angiocardiology.

CLINICAL PATHOLOGY [A DIVISION OF MEDICINE]

MILTON S. SACKS, M.D.....	Associate Professor of Medicine and Head, Division of Clinical Pathology; Director, Clinical Laboratories, University Hospital
MARIE A. ANDERSCH, PH.D.....	Assistant Professor of Biochemistry in Medicine; Assistant Director Clinical Laboratories, Uni- versity Hospital
PERRY O. FUTTERMAN, M.D.....	Associate in Medicine (leave of absence)
JOSEPH FURNARI, M.D.....	Associate in Medicine
JOHN B. DEHOFF, M.D.....	Associate in Medicine
STANLEY MILLER, M.D.....	Associate in Medicine
L. ANN HELLEN, B.S.....	Instructor in Medicine
AUDRY M. FUNK, B.A.....	Instructor in Medicine
ALICE M. BAND, M.D.....	Baltimore Rh Laboratory Fellow in Medicine (Hematology)

GIOVANNI RACCUGLIA, M.D. Anna Corman Fellow in Medicine (Hematology)
 FRANCES S. BARBUSCA, B.S. Research Assistant in Clinical Pathology

Second Year. First and Second Semester: The course is designed to train the student in the performance and interpretation of the fundamental laboratory procedures used in clinical diagnosis. During the first semester the basic techniques of hematology as well as clinical aspects of blood diseases are taught. Blood group immunology in relation to transfusion is also covered. In the second semester the performance and interpretation of tests used in the diagnosis of renal, hepatic, gastric, pancreatic, and metabolic diseases are considered. A review, with clinical applications, of acid-base balance and electrolyte disturbances is included. Methods of examination of cerebro-spinal fluid, transudates and exudates are taught. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is provided for each student. Total hours: 128.

Third Year. Seminar discussions of diagnostic laboratory procedures in selected diseases are given during the medicine quarter. Each student is assigned a completely equipped locker adjacent to the wards for use during the clinical clerkships. Microscope and blood counting equipment must be provided by the student.

Fourth Year. During the medicine quarter, students attend a weekly hematology conference when patients from the hospital wards with blood diseases are discussed.

Student Fellowships. Two (2) voluntary summer fellowships are available for sophomore or junior medical students who wish to perform advanced work in hematology. These afford an opportunity for clinical work in hematology as well as investigative experience. Work may be continued during the school year if time is available. Application should be made to the head of this division by January of the current school year.

Graduate Fellowships. Two (2) full time clinical and research fellowships in hematology are available to applicants who have had a minimum of one year internship. A financial stipend is provided. Application should be made to the Head of the Division.

DENTISTRY

[A DIVISION OF SURGERY]

¹ BRICE M. DORSEY	Professor of Oral Surgery
¹ MYRON S. AISENBERG	Professor of Pathology
¹ JOSEPH C. BIDDIX, JR.	Professor of Oral Diagnosis
¹ KYRLE W. PREIS	Professor of Orthodontics
¹ HARRY M. ROBINSON, SR.	Professor of Dermatology
¹ GRAYSON W. GAVER	Professor of Dental Prosthesis
¹ ERNEST B. NUTTALL	Professor of Crown and Bridge
¹ KENNETH V. RANDOLPH	Professor of Operative Dentistry
¹ EDWARD C. DOBBS	Professor of Pharmacology
GEORGE H. YEAGER	Professor of Clinical Surgery
¹ JOSEPH P. CAPPUCCIO	Instructor in Oral Surgery
¹ CONRAD L. INMAN	Instructor in Anesthesiology

¹ Faculty Member, School of Dentistry.

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

DERMATOLOGY AND SYPHILOLOGY [A DIVISION OF MEDICINE]

HARRY M. ROBINSON, SR.....	Professor of Dermatology
FRANCIS A. ELLIS.....	Associate Professor of Dermatology
HARRY M. ROBINSON, JR.....	Associate Professor of Dermatology
EUGENE S. BERESTON.....	Assistant Professor of Dermatology
A. ALBERT SHAPIRO.....	Assistant Professor of Dermatology
ISRAEL ZELIGMAN.....	Assistant Professor of Dermatology
R. C. V. ROBINSON.....	Assistant Professor of Dermatology
WILLIAM R. BUNDICK.....	Associate in Dermatology
MARK B. HOLLANDER.....	Associate in Dermatology
MORRIS M. COHEN.....	Associate in Dermatology
DAVID BACHARACH.....	Instructor in Dermatology
LEE R. LERMAN.....	Assistant in Dermatology

The third year class receives six lecture-demonstrations on the principles of dermatology by Dr. Robinson.

The senior course consists of conferences and demonstrations of the common skin diseases and venereal diseases in the outpatient dermatologic and syphilis clinics and on the medical wards.

GASTRO-ENTEROLOGY [A DIVISION OF MEDICINE]

WM. CARL EBELING.....	Assistant Professor of Medicine, and Head of the Division of Gastroenterology
THEODORE E. MORRISON.....	Clinical Professor of Gastro-enterology
SAMUEL MORRISON.....	Associate Professor of Gastro-enterology
MAURICE FELDMAN.....	Assistant Professor of Gastro-enterology
ZACHARIAH MORGAN.....	Assistant Professor of Gastro-enterology
Z. VANCE HOOPER.....	Associate in Gastro-enterology
ALBERT J. SHOCHAT.....	Instructor in Gastro-enterology
PHILIP D. FLYNN.....	Instructor in Gastro-enterology
JOAN W. LITTLE.....	Research Assistant in Gastro-enterology

Second Year. Lectures are given as part of the course in correlative medicine.

Third Year. Lectures and clinics on specific gastro-intestinal diseases under the sponsorship of the Department of Medicine.

Fourth Year. Weekly clinics or conferences are held on gastro-intestinal subjects and problems. There are weekly peroral endoscopic clinics. Students assist in the out-patient clinic. Opportunities are available for practical experience in exfoliative cytology.

Summer Fellowships. Junior students may work as fellows, receiving instruction in clinical practice, endoscopy, special diagnostic techniques and therapy.

GYNECOLOGY

J. MASON HUNDLEY, JR.	Professor of Gynecology and Head of the Department
ERNEST I. CORNBROOKS, JR.	Associate Professor of Gynecology
WILLIAM K. DIEHL	Assistant Professor of Gynecology
EVERETT S. DIGGS	Assistant Professor of Gynecology
BEVERLEY C. COMPTON	Assistant Professor of Gynecology
LEO BRADY	Assistant Professor of Gynecology
EDWARD P. SMITH	Assistant Professor of Gynecology
FRANK K. MORRIS	Assistant Professor of Gynecology
THEODORE KARDASH	Associate in Gynecology
JOHN J. ERWIN	Associate in Gynecology
WILLIAM A. DODD	Associate in Gynecology
W. ALLEN DECKERT	Instructor in Gynecology
WILLIAM C. DUFFY	Instructor in Gynecology
HARRY F. KANE	Instructor in Gynecology
HELEN I. MAGINNIS	Instructor in Gynecology
JAMES H. SHELL, JR.	Assistant in Gynecology
F. X. PAUL TINKER	Assistant in Gynecology
NORMAN LEVIN	Assistant in Gynecology
RAYMOND L. MARKLEY	Assistant in Gynecology
GEORGE A. MAXWELL	Assistant in Gynecology
EDWARD C. PREVOST	Assistant in Gynecology
THOMAS A. STEBBINS	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

Third Year. A comprehensive course of 30 lectures in the field of gynecology, female urology, and female oncology is given to the entire class.

Fourth Year. An intensive course is given to small groups of students throughout the year, during which time the students are assigned exclusively to this department. The course consists of instructions including lectures, seminars, ward rounds, and operative clinics. In addition, two special instruction periods are given in pathology at which time a review of the pathological material seen at operation is made with especial reference to the pathology of malignant disease. The students are assigned patients on the gynecological wards, and also work in the gynecological, cystoscopy and oncology, out-patient departments each day.

Third year	30 hours
Fourth year	75 hours
Total:	105 hours

HISTORY OF MEDICINE

LOUIS A. M. KRAUSE	Professor of Clinical Medicine
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Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

HYGIENE AND PUBLIC HEALTH [A DIVISION OF MEDICINE]

HUNTINGTON WILLIAMS.....Professor of Hygiene and Public Health
 WILLIAM H. F. WARTHEN.....Associate Professor of Hygiene and Public Health
 ROSS DAVIES.....Associate Professor of Hygiene and Public Health
 MATTHEW L. TABACK.....Assistant Professor of Hygiene and Public Health

Third Year. A one-hour lecture is given to the whole class each Tuesday during both semesters. Basic instruction is afforded in the clinical and public health aspects of the communicable diseases including syphilis and tuberculosis. The lectures are under the auspices of the Department of Medicine and are given by staff members of that department, including physicians representing pediatrics, hygiene and public health, and by staff members of the Baltimore City Health Department.

Fourth Year. Elective work is also assigned at the Western Health District Building of the City Health Department, 617 West Lombard Street, where the District Health Officer arranges for home visiting and the student prepares and presents a Home Survey Report.

The course deals with the fundamentals of public health and supplements the work in the third year. The major emphasis in both years is on the practice of preventive medicine and the relation of prevention to diagnosis and treatment, and on the civic and social implications of the medical services.

BIOSTATISTICS

First Year. A series of 15 one hour lectures is given to the whole class during the Second Semester dealing with the basic methods of statistical analysis and demonstration of their use in several areas of medical investigation.

Instruction is designed to assist the medical student in evaluating quantitative aspects of medical information.

INFECTIOUS DISEASES [A DIVISION OF MEDICINE]

ROBERT T. PARKER.....Assistant Professor of Medicine and Chief, Division of Infectious Diseases
 MERRILL J. SNYDER.....Assistant Professor of Medicine in Clinical Bacteriology
 JOSEPH B. WORKMAN.....Assistant Professor of Medicine
 SZE-JUI LIU.....Research Fellow in Medicine

Second Year. Lectures are given on viral and rickettsial diseases and certain diseases caused by gram negative bacteria in collaboration with instruction in general bacteriology.

Third Year. Lectures and clinics on specific infectious diseases are presented under the sponsorship of the Department of Pathology and the Department of Medicine.

Fourth Year. Students attend weekly conferences on subjects related to infectious diseases. These sessions comprise consultation rounds on infectious dis-

ease problems and practical instruction in the diagnostic methods applicable to the infectious diseases. Opportunities are available for practical instruction in laboratory techniques.

Summer Fellowships. Junior students have the opportunity to work as Fellows in Infectious Diseases during the summer months. Instruction is provided in laboratory techniques including the handling of viral and rickettsial agents of disease, general bacteriological and immunologic techniques, bioassay of antibiotics and ward instruction including chemotherapy. Application should be made to the Chief of Section prior to January of the current school year.

Post-Graduate Fellowships. The Section of Infectious Diseases sponsors a Fellow who receives instruction in laboratory techniques and clinical investigation. Fellows participate in all functions of the Section including collaboration in investigative problems. A financial stipend is provided. Application is made through the Chief of the Section.

INDUSTRIAL MEDICINE AND SURGERY [A DIVISION OF SURGERY]

CHARLES A. REIFSCHNEIDER.....Clinical Professor of Traumatic Surgery
 THURSTON R. ADAMS.....Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

LEGAL MEDICINE [A DIVISION OF MEDICINE]

RUSSELL S. FISHER.....Professor and Head of the Division of Legal Medicine
 HENRY C. FREIMUTH.....Assistant Professor of Legal Medicine
 WILLIAM V. LOVITT, JR.....Assistant Professor of Legal Medicine
 RICHARD LINDENBERG.....Associate in Legal Medicine
 PAUL F. GUERIN.....Associate in Legal Medicine
 M. JOSEPH REHAK.....Research Assistant in Legal Medicine
 ELLA FREYTAG.....Research Assistant in Legal Medicine

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medico-legal autopsy. (12 hours.)

Elective Course (summer). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

MEDICINE

THEODORE E. WOODWARD.....	Professor of Medicine and Head of the Department
T. NELSON CAREY.....	Professor of Clinical Medicine
H. RAYMOND PETERS.....	Professor of Clinical Medicine
LOUIS A. M. KRAUSE.....	Professor of Clinical Medicine
WILLIAM S. LOVE, JR.....	Professor of Clinical Medicine
HOWARD M. BUBERT.....	Associate Professor of Medicine
J. SHELDON EASTLAND.....	Associate Professor of Medicine
MILTON S. SACKS.....	Associate Professor of Medicine
LEWIS P. GUNDRY.....	Associate Professor of Medicine
SAMUEL MORRISON.....	Associate Professor of Medicine
HENRY J. L. MARRIOTT.....	Associate Professor of Medicine
H. VERNON LANGELOTTIG.....	Associate Professor of Medicine
EDWARD F. COTTER.....	Associate Professor of Medicine
EPHRAIM T. LISANSKY.....	Associate Professor of Medicine
SAMUEL T. R. REVELL, JR.....	Associate Professor of Medicine
WILLIAM H. SMITH.....	Associate Professor of Clinical Medicine
MARIE A. ANDERSCH.....	Assistant Professor of Biochemistry in Medicine
GEORGE MCLEAN.....	Assistant Professor of Medicine
WETHERBEE FORT.....	Assistant Professor of Medicine
FRANK J. GERAGHTY.....	Assistant Professor of Medicine
SOL SMITH.....	Assistant Professor of Medicine
C. EDWARD LEACH.....	Assistant Professor of Medicine
ROBERT A. REITER.....	Assistant Professor of Medicine
SIDNEY SCHERLIS.....	Assistant Professor of Medicine
JAMES R. KARNS.....	Assistant Professor of Medicine
ROBERT T. PARKER.....	Assistant Professor of Medicine
MERRILL J. SNYDER.....	Assistant Professor of Medicine in Clinical Bacteriology
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
ROBERT E. BAUER.....	Assistant Professor of Medicine
MEYER W. JACOBSON.....	Assistant Professor of Medicine
CHARLES F. BRAMBEL.....	Assistant Professor of Biochemistry in Medicine
S. EDWIN MULLER.....	Assistant Professor of Medicine
LAURENCE M. SERRA.....	Assistant Professor of Medicine
FRANCIS C. DICKEY.....	Assistant Professor of Medicine
WILLIAM CARL EBELING, III.....	Assistant Professor of Medicine
JOSEPH B. WORKMAN.....	Assistant Professor of Medicine
W. GRAFTON HERSPBERGER.....	Associate in Medicine
CONRAD B. ACTON.....	Associate in Medicine
HARRY M. ROBINSON, JR.....	Associate in Medicine
WILLIAM K. WALLER.....	Associate in Medicine
ARTHUR KARFGIN.....	Associate in Medicine
M. PAUL BYERLY.....	Associate in Medicine
HENRY W. D. HOLLJES.....	Associate in Medicine
KURT LEVY.....	Associate in Medicine
WILFRED H. TOWNSHEND.....	Associate in Medicine

ALVIN J. HARTZ.....	Associate in Medicine
LOUIS V. BLUM.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
DANIEL WILFSON, JR.....	Associate in Medicine
JONAS COHEN.....	Associate in Medicine
WALTER KARFGIN.....	Associate in Medicine
IRVING FREEMAN.....	Associate in Medicine
J. EMMET QUEEN.....	Associate in Medicine
JOHN B. DEHOFF.....	Associate in Medicine
JOSEPH FURNARI.....	Associate in Medicine
STEPHEN J. VAN LILL, III.....	Associate in Medicine
LEONARD SCHERLIS.....	Associate in Medicine
WILLIAM F. COX, III.....	Associate in Medicine
DONALD W. MINTZER.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Associate in Medicine
STANLEY MILLER.....	Associate in Medicine
JEROME SHERMAN.....	Associate in Medicine
PHILIP D. FLYNN.....	Instructor in Medicine
JOHN A. MYERS.....	Instructor in Medicine
JOSEPH E. MUSE.....	Instructor in Medicine
WILLIAM H. KAMMER, JR.....	Instructor in Medicine
SAMUEL J. HANKIN.....	Instructor in Medicine
FREDERICK J. VOLLMER.....	Instructor in Medicine
JOHN R. DAVIS.....	Instructor in Medicine
L. ANN HELLEN.....	Instructor in Medicine
AUDREY M. FUNK.....	Instructor in Medicine
LEON A. KOCHMAN.....	Instructor in Medicine
C. HERMAN WILLIAMS.....	Instructor in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine
BERNARD BURGIN.....	Instructor in Medicine
LAURISTON L. KEOWN.....	Instructor in Medicine
FRANKLIN E. LESLIE.....	Instructor in Medicine
PHILIP D. FLYNN.....	Instructor in Medicine
STUART D. SUNDAY.....	Instructor in Medicine
IRVIN B. KEMICK.....	Instructor in Medicine
MAURICE FELDMAN, JR.....	Instructor in Medicine
CHARLES E. SHAW.....	Instructor in Medicine
JOHN C. OSBORNE.....	Instructor in Medicine
EDWARD S. KALLINS.....	Instructor in Medicine
JOSEPH C. MATCHAR.....	Instructor in Medicine
MARVIN GOLDSTEIN.....	Instructor in Medicine
B. STANLEY COHEN.....	Instructor in Medicine
KYLE Y. SWISHER, JR.....	Instructor in Medicine
FRANCIS J. BORGES.....	Instructor in Medicine
RAYMOND M. LAUER.....	Assistant in Medicine
JACK WEXLER.....	Assistant in Medicine
JOSEPH C. MYERS.....	Assistant in Medicine
THOMAS WORSLEY.....	Assistant in Medicine
STEPHEN L. MAGNESS.....	Assistant in Medicine
STANLEY R. STEINBACH.....	Assistant in Medicine
EDMUND P. COFFAY, SR.....	Assistant in Medicine

FRANK K. KASIK.....	Assistant in Medicine
DONALD J. ROOP.....	Assistant in Medicine
WILLIAM H. GRENZER.....	Assistant in Medicine
E. ELLSWORTH COOK, JR.....	Assistant in Medicine
DAVID M. KIPNIS.....	Assistant in Medicine
WILLIAM G. ESMOND.....	Assistant in Medicine
ANDERS W. ANDERSON.....	Assistant in Medicine
MARION FRIEDMAN.....	Assistant in Medicine
CHARLES B. ADAMS, JR.....	Trainee in Cardiology
AUBREY D. RICHARDSON.....	Trainee in Cardiology
FRANK G. KUEHN.....	Trainee in Metabolism
ALICE M. BAND.....	Baltimore Rh Typing Laboratory Fellow in Medicine
SZE-JUI LIU.....	Fellow in Medicine
JOSEPH B. BRONUSHAS.....	Part-Time Fellow in Medicine
JOSEPH C. FITZGERALD.....	Part-Time Fellow in Medicine
HARRY D. PERRY JR.....	Part-Time Fellow in Medicine
AWILDA GAY.....	Research Assistant in Medicine

FIRST YEAR

An elementary course in the Introduction to Medicine is presented three hours weekly during the second semester. The course is interdepartmental and stresses the broad application of anatomy, embryology, histology and physiology to the clinical sciences.

SECOND YEAR

Introduction to Clinical Medicine: A. Correlative Medicine (three hours weekly throughout the year)—A course in conjoint medicine emphasizing technique of history taking, physical diagnosis and pathologic physiology in medicine, surgery, pediatrics, psychiatry, obstetrics and subspecialties. *B. Physical Diagnosis*—Practical instruction in physical diagnosis two hours weekly, second semester. *C. Medical Clinic*—One hour weekly during the second semester.

THIRD YEAR

The Practice of Medicine: A. Clinical Clerkship for 8 weeks on the medical wards of the University Hospital. Responsibility under supervision for the history, physical examination, laboratory examination and progress notes of assigned cases. *B.* Ward rounds and conferences in general medicine. *C.* Clinical pathological conference and interdepartmental seminar once weekly. *D.* Baltimore City Hospital is utilized for teaching in the third year. For a period of 8 weeks, the student performs outpatient work in general medicine three mornings weekly. Practical instruction is provided in physical diagnosis as related to chronic disease, tuberculosis, neurology and roentgen diagnosis. A weekly clinic is given in general medicine and tuberculosis.

The Principles of Medicine: A. A course in guided reading is conducted throughout the junior year consisting of assignments in standard texts and current periodicals. *B.* Lectures are given weekly in neurology and preventive medicine throughout the junior year.

FOURTH YEAR

Advanced Practice of Medicine: A. Clinical clerkship on the medical wards of Mercy Hospital for 4 weeks. B. Ward classes, ward rounds and conferences in general medicine, the medical subspecialties and therapeutics for 4 weeks at University Hospital. C. Consultation rounds daily for 4 weeks on wards of University Hospital in problems of cardiology, infectious diseases, gastroenterology, neurology, hematology and pulmonary diseases. D. Outpatient Department work for 4 weeks under supervision in medicine and medical specialties in the Outpatient Department of the University Hospital. E. Clinical pathological conference and interdepartmental seminars weekly.

SUMMER CLERKSHIPS

Junior students have the opportunity to work as clinical clerks during the summer term. Responsibility under supervision for the history, physical examination, laboratory examination and progress notes of assigned cases.

POSTGRADUATE FELLOWSHIPS

Postgraduate fellowships are available in various of the subspecialties of medicine (see specific Sections).

MICROBIOLOGY

For description of this course see page 76.

NEUROLOGICAL SURGERY [A DIVISION OF SURGERY]

JAMES G. ARNOLD, JR.....Professor of Neurological Surgery and Head of the Division
 RICHARD G. COBLENTZ.....Professor of Clinical Neurological Surgery
 JOHN A. WAGNER.....Associate Professor of Pathology and Neuropathology
 RAYMOND K. THOMPSON.....Assistant Professor of Neurological Surgery
 ROBERT OSTER

Associate in Electro-physiology, and Director of the Hoffberger Electroencephalographic Laboratory

FRANK J. OTENASEK.....Instructor in Neurological Surgery
 JOHN W. CHAMBERS.....Instructor in Neurological Surgery
 ROBERT M. N. CROSBY.....Associate in Neurological Surgery
 WILLIAM H. MOSBERG, JR.....Associate in Neurological Surgery
 AUGUST KIEL, JR.....Assistant in Neurological Surgery
 JOHN O. SHARRETT.....Assistant in Neurological Surgery

Third Year. This course comprises lectures and demonstrations in the fundamentals of neurological surgery. Total hours, twelve.

Fourth Year. Weekly ward rounds at the University and Mercy Hospitals. Total hours, sixteen.

Dispensary Instruction. A small number of students may apply for instruction in the neurological out-patient department.

NEUROLOGY [A DIVISION OF MEDICINE]

CHARLES VAN BUSKIRK.....Professor of Neurology and Head of the Division
 LEON FREEDOM.....Associate Professor of Neurology
 PHILIP F. LERNER.....Assistant Professor of Neurology
 HARRY TEITELBAUM.....Assistant Professor of Neurology
 GEORGE G. MERRILL.....Assistant Professor of Neurology
 WILLIAM L. FEARING.....Associate in Neurology
 EDWARD F. COTTER.....Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Twenty hours of instruction are given to the whole class in neuropathology supplemented with pathological demonstrations. Sixteen lecture-demonstrations are given in which the major types of the diseases of the nervous system are discussed. A course is also given at the Baltimore City Hospitals, comprising eight periods of two hours each, in which the students in small groups carry out complete neurological examinations of selected cases which illustrate the chief neurological syndromes.

Fourth Year. Fourth year students in the Medical section attend neurological consultation rounds on ward patients in the University and Mercy Hospitals. All patients presented at these clinics are carefully examined.

Dispensary Instructions. Small sections are instructed in the neurological dispensary of the Mercy Hospital five afternoons each week. In this way students are brought into contact with nervous diseases in their early and late manifestations.

OBSTETRICS

LOUIS H. DOUGLASS.....	Professor of Obstetrics and Head of the Department
J. MORRIS REESE.....	Associate Professor of Obstetrics
D. FRANK KALTREIDER.....	Associate Professor of Obstetrics
ISADORE A. SIEGEL.....	Associate Professor of Obstetrics
JOHN E. SAVAGE.....	Assistant Professor of Obstetrics
HUGH B. McNALLY.....	Assistant Professor of Obstetrics
MARGARET B. BALLARD.....	Associate in Obstetrics
D. McCLELLAND DIXON.....	Associate in Obstetrics
OSBORNE C. CHRISTENSEN.....	Associate in Obstetrics
J. TYLER BAKER.....	Associate in Obstetrics
J. HUFF MORRISON.....	Associate in Obstetrics
GEORGE H. DAVIS.....	Associate in Obstetrics
J. KING B. E. SEEGAR.....	Associate in Obstetrics
LOUIS C. GAREIS.....	Associate in Obstetrics
KENNETH B. BOYD.....	Assistant in Obstetrics
W. KENNETH MANSFIELD, JR.....	Assistant in Obstetrics
THEODORE KARDASH.....	Assistant in Obstetrics
HARRY McB. BECK.....	Assistant in Obstetrics
WILLIAM A. DODD.....	Assistant in Obstetrics
IRVIN P. KLEMKOWSKI.....	Assistant in Obstetrics
CLARENCE W. MARTIN.....	Assistant in Obstetrics
VERNON C. KELLEY.....	Assistant in Obstetrics
HARRY COHEN.....	Assistant in Obstetrics
THOMAS C. WEBSTER.....	Assistant in Obstetrics
VINCENT DeP. FITZPATRICK.....	Assistant in Obstetrics
ERNEST SCHER.....	Assistant in Obstetrics
JAMES H. SHELL, JR.....	Assistant in Obstetrics
F. X. PAUL TINKER.....	Assistant in Obstetrics
DANIEL EHRLICH.....	Assistant in Obstetrics
WILLIAM D. GENTRY.....	Assistant in Obstetrics
NORMAN LEVIN.....	Assistant in Obstetrics

Second Year: During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Dr. J. M. Reese.

Third Year. Forty five lectures and recitations are given. They are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Douglass, Reese, Siegel, Savage, Dixon and Kaltreider.

Each student spends 4 weeks on the obstetrical service of University Hospital. During this period he receives practical instruction in the prenatal clinic, the wards and on the delivery floor. He acts as a clinical clerk and all of his work is closely supervised. In addition he is instructed in the basic sciences as related to obstetrics. Operative work on the obstetrical manikin is an organized part of the course, each student receiving 8 hours of individual instruction.

Fourth Year. The instruction is entirely clinical. Each student spends 2 weeks at Baltimore City Hospital in small groups. During this period his entire time is devoted to obstetrics. He acts as a clinical clerk and works in prenatal clinics and on the wards and delivery suite. He observes and assists in deliveries of all types and delivers some 10 to 14 patients himself. In addition he attends all rounds and conferences held.

During this 2 week period he is given introductory courses in Public Health as applied to obstetrics and in Planned Parenthood.

Second year.....	16 hours
Third year.....	141 hours
Fourth year.....	106 hours
Total.....	263 hours

ONCOLOGY [A DIVISION OF GYNECOLOGY AND SURGERY]

J. MASON HUNDLEY, JR.....	Professor of Gynecology
ERNEST I. CORNBROOKS, JR.....	Associate Professor of Gynecology
WILLIAM K. DIEHL.....	Assistant Professor of Gynecology
EVERETT S. DIGGS.....	Assistant Professor of Gynecology
BEVERLEY C. COMPTON.....	Assistant Professor of Gynecology
FRANK K. MORRIS.....	Assistant Professor of Gynecology
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
E. EUGENE COVINGTON.....	Associate in Oncology
EDWIN H. STEWART.....	Associate in Surgery
JOHN M. DENNIS.....	Associate in Radiology
J. DUER MOORES.....	Instructor in Surgery
LOUIS F. GOODMAN.....	Instructor in Surgery
THOMAS A. STEBBINS.....	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments

and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the biophysical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Siwinski and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	<i>Oncology</i>	<i>Gynecology</i>	<i>Total</i>
Third year.....	5 hours	6 hours	11 hours
Fourth year.....	<u>12</u> hours	<u>16</u> hours	<u>28</u> hours
Total.....	17 hours	22 hours	39 hours

OPHTHALMOLOGY

JOSEPH I. KEMLER.....	Associate in Ophthalmology
A. KREMEN.....	Associate in Ophthalmology
RUBY A. SMITH.....	Associate in Ophthalmology
D. J. MCHENRY.....	Instructor in Ophthalmology
J. E. BRUMBACK.....	Associate in Ophthalmology
RICHARD J. CROSS.....	Instructor in Ophthalmology
HENRY B. WILSON.....	Instructor in Ophthalmology
JOHN C. OZAZEWSKI.....	Assistant in Ophthalmology

Third Year. Second semester. Dr. Ozazewski reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital by Dr. Kremen.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, twice weekly, for one year. Dr. Knowles.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Knowles,

Smith, Brumback and Ozazewski. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract and glaucoma. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which the eye grounds in the various medical and surgical conditions are demonstrated. Drs. Knowles, Kemler, Kremen, Smith, Brumback, Jeppi, Pacienza and Ozazewski.

Third year	20 hours
Fourth year	41 hours
Total	61 hours

ORTHOPAEDICS

[A DIVISION OF SURGERY]

ALLEN FISKE VOSHELL	Professor of Orthopaedic Surgery
HARRY L. ROGERS	Clinical Professor of Orthopaedic Surgery
MOSES GELLMAN	Associate Professor of Orthopaedic Surgery
HENRY F. ULLRICH	Associate Professor of Orthopaedic Surgery
MILTON J. WILDER	Assistant Professor in Orthopaedic Surgery
JASON H. GASKEL	Associate in Orthopaedic Surgery
ISAAC GUTMAN	Associate in Orthopaedic Surgery
JAMES P. MILLER	Instructor in Orthopaedic Surgery
ROBERT C. ABRAMS	Instructor in Orthopaedic Surgery
EVERETT D. JONES	Assistant in Orthopaedic Surgery
JOHN J. TANSEY	Assistant in Orthopaedic Surgery

Didactic instruction is given in the second, third and fourth years. Clinical, bedside and outpatient instruction is given at the University, Mercy Hospitals and their Outpatient Departments, Kernan Hospital for Crippled Children, and Baltimore City Hospitals. Brief discussions and demonstrations of physical and occupational therapy are included in the course.

Second year	19 hours
Third year	36 hours
Fourth year	90 hours
Total	145 hours

OTOLARYNGOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK	Professor of Otolaryngology and Head of the Division
FREDERICK T. KYPER	Associate Professor of Otolaryngology
BENJAMIN S. RICH	Associate Professor of Otolaryngology
FAYNE A. KAYSER	Associate Professor of Otolaryngology
SAMUEL L. FOX	Associate Professor of Otolaryngology
W. RAYMOND MCKENZIE	Assistant Professor of Otolaryngology
THEODORE A. SCHWARTZ	Assistant Professor of Otolaryngology
BENJAMINE H. ISAACS	Assistant Professor of Otolaryngology
ROBERT Z. BERRY	Associate in Otolaryngology
ARTHUR WARD	Associate in Otolaryngology
RICHARD J. CROSS	Instructor in Otolaryngology

JOHN H. HIRSCHFIELD.....	Instructor in Otolaryngology
JOHN M. REHBERGER.....	Assistant in Otolaryngology
HARRY P. PORTER.....	Assistant in Otolaryngology
JAMES J. GERLACH.....	Assistant in Otolaryngology
FREDERICK L. STICHELL.....	Assistant in Otolaryngology
HAROLD H. WEINBERG.....	Assistant in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks.

Fourth Year. Out-Patient department instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M.

The Mercy Hospital Bronchoscopic Clinic affords ample opportunities in bronchoscopy and esophagoscopy. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year.....	9 hours
Fourth year.....	53 hours
Total.....	62 hours

OTOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....	Professor of Otolaryngology
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The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology.

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourke and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourke and associates.

Third year.....	12 hours
Fourth year.....	40 hours
Total.....	52 hours

PATHOLOGY

HUGH R. SPENCER.....	Professor of Pathology and Head of the Department
ROBERT B. WRIGHT.....	Associate Professor of Pathology
C. GARDNER WARNER.....	Associate Professor of Pathology
WALTER C. MERKEL.....	Associate Professor of Pathology
DEXTER L. REIMANN.....	Associate Professor of Pathology
JOHN A. WAGNER.....	Associate Professor of Pathology
ALBERT E. GOLDSTEIN.....	Assistant Professor of Pathology
ROY B. TURNER.....	Assistant Professor of Pathology
JAMES H. RAMSEY.....	Assistant Professor of Pathology
MILTON S. SACKS.....	Associate in Pathology
BENEDICT SKITARELIC.....	Associate in Pathology
CONRAD B. ACTON.....	Instructor in Pathology
HOWARD B. MAYS.....	Instructor in Pathology
WILLIAM B. VANDEGRIFT.....	Instructor in Pathology
WILLIAM J. BRYSON.....	Instructor in Pathology
KARL F. MECH.....	Instructor in Pathology
THEODORE KARDASH.....	Instructor in Pathology
LOUIS C. GAREIS.....	Instructor in Pathology
EDWARD L. J. KREIG.....	Instructor in Pathology
JAMES R. KARNS.....	Instructor in Pathology
RAYMOND M. CUNNINGHAM.....	Instructor in Pathology
J. DONALD HUBBARD.....	Instructor in Pathology
LESTER KEIFER.....	Instructor in Pathology
URSULA T. SLAGER.....	Instructor in Pathology, Hitchcock Fellow in Neuropathology
HARRY COHEN.....	Assistant in Pathology
CHARLES F. CARROLL, JR.....	National Cancer Institute Trainee

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

GENERAL PATHOLOGY. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

APPLIED PATHOLOGY, INCLUDING GROSS MORBID ANATOMY AND MORBID PHYSIOLOGY. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

AUTOPSIES. *Third Year.* Students in small groups attend autopsies at the morgues of the University Hospital and the Baltimore City Hospitals.

CLINICAL-PATHOLOGICAL CONFERENCE. (*Fourth Year.*) These exercises are

held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year.....	184 hours
Third year.....	160 hours
Fourth year.....	30 hours
Total.....	374 hours

PEDIATRICS

J. EDMUND BRADLEY.....	Professor of Pediatrics and Head of the Department
C. LORING JOSLIN.....	Professor of Pediatrics
A. H. FINKELSTEIN.....	Associate Professor of Pediatrics
FREDERICK B. SMITH.....	Associate Professor of Pediatrics
GORDON E. GIBBS.....	Associate Professor Clinical Pediatric Research
ALBERT JAFFE.....	Associate Clinical Professor of Pediatrics
SAMUEL S. GLICK.....	Assistant Professor of Pediatrics
JEROME FINEMAN.....	Assistant Professor of Pediatrics
GIBSON J. WELLS.....	Assistant Professor of Pediatrics
WILLIAM M. SEABOLD.....	Assistant Professor of Pediatrics
ANNIE M. BESTEBREURTJE.....	Assistant Professor of Pediatrics
RUTH W. BALDWIN.....	Assistant Professor of Pediatrics
CLEWELL HOWELL.....	Associate in Pediatrics
G. BOWERS MANSDORFER.....	Associate in Pediatrics
SIDNEY SCHERLIS.....	Associate in Pediatrics
MELCHIJAH SPRAGINS.....	Associate in Pediatrics
JOHN L. PECK.....	Lecturer in Pediatrics
ARNOLD F. LAVENSTEIN.....	Instructor in Pediatrics
MARY L. HAYLECK.....	Instructor in Pediatrics
ISRAEL P. MERANSKI.....	Instructor in Pediatrics
THOMAS A. CHRISTENSEN.....	Instructor in Pediatrics
JOSEPH M. CORDI.....	Instructor in Pediatrics
LEONARD SCHERLIS.....	Instructor in Pediatrics
LESTER H. CAPLAN.....	Instructor in Pediatrics
EDWARD G. FIELD.....	Instructor in Pediatrics
MELVIN M. BORDEN.....	Instructor in Pediatrics
HOWARD GOODMAN.....	Instructor in Pediatrics
ROBERT M. N. CROSBY.....	Instructor in Pediatrics
GARRETT E. DEANE.....	Instructor in Pediatrics
RAYMOND L. CLEMMENS.....	Instructor in Pediatrics
WILLIAM EARL WEEKS.....	Assistant in Pediatrics
J. CARLTON WICH.....	Assistant in Pediatrics
O. WALTER SPURRIER.....	Assistant in Pediatrics
ARNOLD TRAMER.....	Assistant in Pediatrics
MARY B. MATTHEWS.....	Assistant in Pediatrics
MIRIAM S. DALY.....	Assistant in Pediatrics
WILLIAM A. NIERMANN.....	Assistant in Pediatrics
FREDERICK J. HELDRICH.....	Assistant in Pediatrics
HENRY SEIDEL.....	Assistant in Pediatrics
LEON DONNER.....	Assistant in Pediatrics
KATHLEEN MCGRADY.....	Assistant in Pediatrics
DAVID JOSEPHS.....	Assistant in Pediatrics

MARTIN K. GORTEN.....	Research Assistant in Pediatrics
GRANGE S. COFFIN.....	Research Assistant in Pediatrics
ROBERT SHIREY.....	Frank C. Bressler Research Assistant in Pediatrics
MARGARET M. COLLINS.....	Research Assistant in Pediatrics

Third Year. 1. Principles of Pediatrics: Physiology of newborn, growth and development, nutrition, problems of the premature infant and diseases of newborn are presented in lectures and demonstrations (20 hours).

2. Physical examination of the infant and child plus history taking and diagnosis are taught on the pediatric wards of the University Hospital (20 hours).

Fourth Year. Students are assigned in groups of twelve for a four-week period. Responsibility is given the student for history, physical examination, laboratory examinations and progress notes on pediatric patients of the University and Mercy Hospital pediatric divisions. Examination of neonates and follow-up care of patients in the development clinical is required daily.

Daily attendance in the Pediatric Out Patient Clinics is spent in interrogation, examination, diagnosis and treatment of patients.

Students alternate nights on the Pediatric service, and at this time, sleeping accommodations are provided them in the hospital.

Students spend one day of their four weeks in the offices of selected practicing pediatricians. During this time, they observe office management, techniques and problems of patients seen in private pediatric practice.

Conferences are held daily, Monday through Friday at 12:30 p.m. On Saturday the students present a clinico-pathologic conference at which time the students act as clinician and pathologist with faculty representatives of the Departments of Pathology and Pediatrics as moderators.

PHARMACOLOGY

JOHN C. KRANTZ, JR.....	Professor of Pharmacology and Head of the Department
C. JELLEFF CARR.....	Professor of Pharmacology
RAYMOND M. BURGISON.....	Assistant Professor of Pharmacology
RUTH MUSSER.....	Instructor in Pharmacology
JOSEPH G. BIRD.....	Assistant in Pharmacology
AMEDEO S. MARRAZZI.....	Lecturer in Pharmacology
JOSEPH M. WHITE, III.....	Lecturer in Pharmacology
WILLIAM G. HARNE.....	Demonstrator in Pharmacology
FREDERICK K. BELL.....	Fellow in Pharmacology
JANE WRAY FORREST.....	Emerson Fellow in Pharmacology
HENRY F. WILSON, JR.....	Fellow in Pharmacology
CLAIRE K. HEISSE.....	Research Assistant in Pharmacology
JULIA NEIL HURST.....	Research Assistant in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PHYSICAL DIAGNOSIS [A DIVISION OF MEDICINE]

HENRY J. L. MARRIOTT.....	Associate Professor of Medicine, and Head of the Division of Physical Diagnosis
ROBERT A. REITER.....	Assistant Professor of Medicine
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
DANIEL WILFSON.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
STEPHEN J. VAN LILL.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Associate in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine
FRANKLIN E. LESLIE.....	Instructor in Medicine
LAURISTON L. KEOWN.....	Instructor in Medicine
JOSEPH C. MYERS.....	Assistant in Medicine

Second Year. A. The course in physical diagnosis begins with the first semester of the Sophomore year as a part of the instruction in Correlative Medicine. For three hours weekly throughout both semesters there is emphasis on history taking and technique of physical diagnosis as related to conjoint medicine. The course provides discussion of pathologic physiology by members of the clinical and pre-clinical departments.

B. In the second semester small tutorial groups are formed each under the direction of an instructor. Experience in physical examination of normal individuals is given in the third quarter one afternoon weekly. In the fourth quarter students become acquainted with abnormal signs through examination of hospital patients.

Third Year. Instruction in methods of physical diagnosis is stressed (1) during the clinical clerkship at the University Hospital and (2) at the Baltimore City Hospitals in the Outpatient Clinic and with the instruction on the chronic disease and tuberculosis wards.

PHYSIOLOGY

WILLIAM R. AMBERSON.....	Professor of Physiology and Head of the Department
DIETRICH C. SMITH.....	Professor of Physiology
FREDERICK P. FERGUSON.....	Associate Professor of Physiology
JOHN I. WHITE.....	Assistant Professor of Physiology
HOWARD B. BENSUSAN.....	Assistant Professor of Physiological Research
J. HENRY WILLS.....	Lecturer in Physiology
SAMUEL L. FOX.....	Instructor in Physiology
SYLVIA HIMMELFARB.....	Instructor in Physiology
JEANNE ANN BARRY.....	Junior Instructor in Physiology
RICHARD L. GLASSER.....	John F. B. Weaver Fellow in Physiology
BRIGITTE E. BLANKENHORN.....	Research Fellow in Physiology
CAROLYN F. HENDRICKSON....	Bressler Reserve Fund Research Assistant in Physiology

The course in physiology is given in two parts:

First Year. Second Semester. The course opens with introductory lectures on nerve-muscle physiology covering the peripheral nerves. Attention is then given to the physiology of the heart and circulation. The lectures are accompanied by demonstrations, but there is no laboratory work. Two lectures a week are given.

Second Year. First Semester. The course continues with four lectures, one conference and two laboratory periods a week. The subjects considered are respiration and metabolism, digestion, renal function, and endocrines and reproduction. The course ends with a series of lectures on the central nervous system and the special senses.

Total hours: 224.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PLASTIC SURGERY [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
CLARENCE P. SCARBOROUGH.....	Associate in Plastic Surgery
JOHN J. ANGELO.....	Assistant in Plastic Surgery
HENRIQUE B. DE MORAES.....	Fellow in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Out-Patient department instruction is provided on Tuesdays. Dr. Scarborough.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

PREVENTIVE MEDICINE AND REHABILITATION

MAURICE C. PINCOFFS.....	Professor of Preventive Medicine and Rehabilitation and Head of the Department
HUNTINGTON WILLIAMS.....	Professor of Hygiene and Public Health
WILLIAM H. F. WARTHEN.....	Associate Professor of Hygiene and Public Health
ROSS DAVIES.....	Associate Professor of Hygiene and Public Health
MATTHEW L. TABACK.....	Assistant Professor of Hygiene and Public Health

This department provides instruction in the principles of public sanitation, control of infectious disease, epidemiology, the preventive aspects of medical care programs and the operation of home, clinic and hospital programs of rehabilitation.

First Year. A. Orientation lectures and clinical conferences defining and illustrating the field of preventive medicine and rehabilitation.

B. Biostatistics. Fifteen lectures dealing with the basic methods of statistical analysis and demonstration of their use in several areas of clinical investigation.

Second Year. A. Control of infectious disease. Lectures and field trips.

B. Correlative medicine. In this interdepartmental course preventive aspects of various diseases and programs of rehabilitation are stressed.

Third Year. A. Lectures and guided reading in the field of disease control, industrial medicine, medical care programs and medical economics.

B. Participation by students in local disease detection and control programs.

C. Participation by students in the evaluation of patients as to requirements and suitability for rehabilitation.

Fourth Year. A. Survey of patients' homes. In conjunction the departments of psychiatry, medicine and preventive medicine organize and supervise home surveys by students in which consideration is given to the family inter-relations, the economic situation, the dietary habits, the sanitation and the physical characteristics of the home as they influence the patients' illness.

PROCTOLOGY

[A DIVISION OF SURGERY]

MONTÉ EDWARDS	Professor of Proctology
THURSTON R. ADAMS	Assistant Professor of Proctology
SIMON H. BRAGER	Assistant Professor of Proctology
WILLIAM T. SUPIK	Associate in Proctology
RAYMOND M. CUNNINGHAM	Associate in Proctology
JOHN D. ROSIN	Associate in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Brager and Supik. University Hospital—Drs. Monte Edwards, Adams, Cunningham and Rosin.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

PSYCHIATRY

JACOB E. FINESINGER	Professor of Psychiatry and Head of the Department
JOHN R. REID	Professor of Philosophy in Psychiatry
MAURICE H. GREENHILL	Professor of Psychiatry
H. WHITMAN NEWELL	Associate Professor of Psychiatry
GEORGE F. SUTHERLAND	Associate Professor of Psychiatry
MANFRED S. GUTTMACHER	Associate Clinical Professor of Psychiatry
HARRY M. MURDOCK	Assistant Professor of Psychiatry
HANS W. LOEWALD	Assistant Professor of Psychiatry
WILLIAM W. ELGIN	Assistant Professor of Psychiatry
J. G. N. CUSHING	Assistant Professor of Psychiatry
KATHRYN L. SCHULTZ	Assistant Professor of Psychiatry

ROBERT G. GRENELL.....	Assistant Professor of Psychiatric Research
KLAUS W. BERBLINGER.....	Assistant Professor of Psychiatry
LESTER M. LIBO.....	Assistant Professor of Medical Psychology
EPHRAIM T. LISANSKY.....	Associate in Psychiatry
ELIZABETH LAForge.....	Associate in Psychiatric Social Work
A. RUSSELL ANDERSON.....	Instructor in Psychiatry
ENOCH CALLAWAY, JR.....	Instructor in Psychiatry
MARION W. MATHEWS.....	Instructor in Psychiatry
FRANCIS J. McLAUGHLIN.....	Instructor in Psychiatry
SAMUEL NOVEY.....	Instructor in Psychiatry
KENT E. ROBINSON.....	Instructor in Psychiatry
WILLIAM W. MAGRUDER.....	Instructor in Psychiatry
MARVIN JAFFE.....	Instructor in Psychiatry
MARCELLA WEISMAN.....	Instructor in Psychiatric Social Work
WILLIAM N. FITZPATRICK.....	Instructor in Psychiatry
LIDA C. BROWN.....	Instructor in Psychiatry
BETSY G. WOOTTEN.....	Instructor in Psychiatry
BERNARD S. GORDON.....	Instructor in Psychiatry
MARGARET S. WILSON.....	Instructor in Psychiatric Social Work
BENJAMINE POPE.....	Instructor in Medical Psychology
FRANCES C. McGRATH.....	Instructor in Psychiatric Social Work
RALPH L. DUNLAP.....	Instructor in Medical Psychology
NATHAN SCHNAPER.....	Instructor in Psychiatry
SARAH V. HUFFER.....	Assistant in Psychiatry
FERN E. MACALLISTER.....	Assistant in Psychiatry
MARTIN K. GORTON.....	Assistant in Psychiatry
BONNIE STRAIN.....	Assistant in Psychiatric Social Work
THOMAS D. HAUPT.....	Assistant in Medical Psychology
JOSEPH BIERMAN.....	Assistant in Psychiatry
ROGER S. WATERMAN.....	Assistant in Psychiatry
ISADORE TUERK.....	Consultant in Psychiatry
BETTY JANE FAX.....	Research Associate in Psychiatry
HARVEY A. ROBINSON.....	Research Associate in Psychiatry
GRACE L. FINESINGER.....	Research Associate in Psychiatry
MORITZ MICHAELIS.....	Research Associate in Psychiatry
ALICE S. CHESTER.....	Fellow in Psychiatry
EMILY M. RODY.....	Fellow in Psychiatry
JACK MENDELSON.....	Fellow in Psychiatry
CHARLES BAGLEY, III.....	Fellow in Psychiatry
WALTER S. EASTERLING.....	Fellow in Psychiatry
EDWIN L. POOLE.....	Research Assistant in Psychiatry
FLORIS DE BALBIAN VERSTER.....	Research Assistant in Psychiatry
FLORENCE M. BURNETT.....	Research Assistant in Psychiatry
MARION C. GLASS.....	Research Assistant in Psychiatry
JUNE H. MENDELSON.....	Research Assistant in Psychiatry
BARBARA T. STEWART.....	Research Assistant in Psychiatry
ARTHUR B. SILVERSTEIN.....	Research Assistant in Psychiatry
NORMA J. NONKEN.....	Research Assistant in Psychiatry
FRED DAVIS.....	Research Assistant in Psychiatry
ANNE L. TRUCKER.....	Research Assistant in Psychiatry
DANIEL S. SAX.....	Research Assistant in Psychiatry

First Year. Fourteen two-hour periods during the second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Fourteen two-hour periods are spent in the first semester in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

RADIOACTIVE ISOTOPES [A DIVISION OF MEDICINE]

ROBERT E. BAUER.....	Assistant Professor of Medicine and Chief, Division of Radioactive Isotopes
JOHN M. DENNIS.....	Professor of Radiology and Assistant Chief, Division of Radioactive Isotopes
JOSEPH B. WORKMAN.....	Assistant Professor of Medicine and Assistant Chief, Division of Radioactive Isotopes
DOROTHY P. DE SANTIS.....	Research Assistant
AWILDA GAY SALAS.....	Research Assistant
JOSE ESCHIANDIS.....	Research Assistant

First Year. Orientation lecture on basic radiation physics and the University Hospital Isotope Program.

Second Year. Interdepartmental demonstrations and discussions with Departments of Physiology, Pharmacology and Medicine of specific physiological and pharmacological procedures that are adaptable to radioactive isotope techniques.

Third Year. Weekly seminars are given on radiation physics, radiation protection and the diagnostic and therapeutic uses of radioactive isotopes in Clinical and Laboratory Medicine.

Fourth Year. Weekly consultation rounds on clinical aspects of radioactive isotopes are given fourth year students during their training in Medicine and Surgery. Interested students assist in the Radioisotope Outpatient Clinic.

Summer Fellowships. The Section sponsors two summer fellowships with emphasis upon clinical application of isotopes and laboratory techniques.

RADIOLOGY

JOHN M. DENNIS.....	Professor of Radiology, and Head of the Department
CHARLES N. DAVIDSON.....	Associate Professor of Radiology
JOHN DECARLO, JR.....	Assistant Professor of Radiology
ROBERT P. BOUDREAU.....	Assistant Professor of Radiology
EDWARD R. DANA.....	Associate in Radiology
HERBERT B. COPELAND.....	Instructor in Radiology
HERBERT L. WARRES.....	Instructor in Radiology
HENRY H. STARTZMAN, JR.....	Instructor in Radiology
NATHAN B. HYMEN.....	Assistant in Radiology
ROBERT W. SWAIN.....	Consultant in Radiologic Physics, Cancer Teaching Program

During the academic year, small groups of the third and fourth year classes are given weekly instruction in the diagnostic and therapeutic uses of the Roentgen rays. An effort is made to familiarize the student with the indications for and the limitations of the Roentgen ray examinations. The history, physics and practical therapeutic application of Roentgen rays are given stressing the use of radiation as a weapon now available in a variety of disorders of the human body ranging from simple inflammations to malignant neoplastic conditions. Conferences are held with the various departments during the school year which are also open to members of the fourth year class.

Third year.....	8 hours
Fourth year.....	24 hours
Total	32 hours

SPEECH TRAINING CLINIC [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
RAY EHRENSBERGER.....	Professor of Speech
MERLE ANSBERRY	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

SURGERY

CHARLES REID EDWARDS.....	Professor of Surgery, and Acting Head of the Department
WALTER D. WISE	Professor of Surgery
D. J. PESSAGNO	Professor of Clinical Surgery
GEORGE H. YEAGER.....	Professor of Clinical Surgery
MONTE EDWARDS	Clinical Professor of Surgery
OTTO C. BRANTIGAN.....	Professor of Clinical Surgery
HARRY C. HULL.....	Professor of Clinical Surgery
JAMES W. NELSON.....	Professor of Clinical Surgery
R. RIDGEWAY TRIMBLE.....	Professor of Clinical Surgery
CHARLES A. REIFSCHNEIDER.....	Clinical Professor of Traumatic Surgery
EDWARD S. JOHNSON.....	Associate Professor of Surgery
CYRUS F. HORINE.....	Associate Professor of Surgery
C. W. PEAKE.....	Associate Professor of Surgery
WILLIAM F. REINHOFF, JR.....	Associate Professor of Surgery
W. WALLACE WALKER.....	Associate Professor of Surgery and Surgical Anatomy
H. F. BONGARDT.....	Assistant Professor of Surgery
I. O. RIDGELY.....	Assistant Professor of Surgery
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
SIMON H. BRAGER.....	Assistant Professor of Surgery and Proctology
THURSTON R. ADAMS.....	Assistant Professor of Surgery
HARRY C. BOWIE.....	Assistant Professor of Surgery
R. ADAMS COWLEY.....	Assistant Professor Thoracic Surgery, Director Cardio-Pulmonary Service, and Assistant Director Experimental Surgery.
RAYMOND F. HELFRICH.....	Associate in Surgery
WILLIAM B. SETTLE.....	Associate in Surgery
GEORGE GOVATOS.....	Associate in Surgery
JOSEPH V. JERARDI.....	Associate in Surgery
HERBERT E. REIFSCHNEIDER.....	Associate in Surgery
HAROLD H. BURNS.....	Associate in Surgery
WILLIAM L. GARLICK.....	Associate in Surgery
PATRICK C. PHELAN.....	Associate in Surgery
EDWIN H. STEWART, JR.....	Associate in Surgery
E. RODERICK SHIPLEY.....	Associate in Surgery
ROBERT C. SHEPPARD.....	Associate in Surgery
F. FORD LOKER.....	Associate in Surgery
KARL F. MECH.....	Associate in Surgery
JOSEPH M. MILLER.....	Associate in Surgery
J. DUER MOORES.....	Instructor in Surgery
CALVIN HYMAN.....	Instructor in Surgery
CLYDE F. KARNS.....	Instructor in Surgery
GEORGE H. BROUILLET.....	Instructor in Surgery
JOHN F. SCHAEFER.....	Instructor in Surgery
ROBERT F. HEALY.....	Instructor in Surgery
SAMUEL E. PROCTOR.....	Instructor in Surgery
LOUIS E. GOODMAN.....	Instructor in Surgery
HAROLD L. ZUPNIK.....	Instructor in Surgery
MICHAEL L. DEVINCENTES.....	Instructor in Surgery
WILLIAM R. GERAGHTY.....	Assistant in Surgery

HOWARD B. McELWAIN.....	Assistant in Surgery
A. V. BUCHNESS.....	Assistant in Surgery
T. J. TOUHEY.....	Assistant in Surgery
L. T. CHANCE.....	Assistant in Surgery
W. ALLEN DECKERT.....	Assistant in Surgery
WILLIAM C. DUNNIGAN.....	Assistant in Surgery
RAYMOND M. CUNNINGHAM.....	Assistant in Surgery
JOHN W. CHAMBERS.....	Assistant in Surgery
ROSS Z. PIERPONT.....	Assistant in Surgery
JAMES N. CIANOS.....	Assistant in Surgery
WILLIAM D. LYNN.....	Assistant in Surgery
DAVID R. WILL.....	Assistant in Surgery
HAROLD P. BIEHL.....	Assistant in Surgery
KIRK MOORE.....	Assistant in Surgery
WILLIAM B. REVER, JR.....	Assistant in Surgery
LEONARD G. HAMBERRY.....	Assistant in Surgery
WILLIAM A. HOLBROOK.....	Assistant in Surgery
JAMES A. SEWELL.....	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the Out-Patient departments, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

TOPOGRAPHIC AND SURGICAL ANATOMY. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Garrett.

Total hours: 96.

PRINCIPLES OF SURGERY. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Sheppard.

THIRD YEAR

GENERAL AND REGIONAL SURGERY. Lectures, recitations and clinics are given on the principles of surgery and general surgery including fractures and dislocations. Three hours a week to the whole class. Dr. Hull.

The class is divided into groups. Instruction in history-taking and surgical pathology is given under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at B.C.H. by Drs. Bowie, Koontz, Brantigan, Adams and Garrett. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

OPERATIVE SURGERY. Lectures and operative demonstrations are given under the supervision of Dr. Yeager assisted by Dr. Govatos. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

SURGICAL OUT-PATIENT DEPARTMENT. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

CLINICS. Surgical pathological Conference. A weekly conference is conducted at the University Hospital for the entire class. Daily ward classes at University and Mercy Hospitals, and half day ward work under the supervision of Dr. E. R. Shipley at University and Dr. Patrick C. Phelan, Mercy Hospital.

SURGERY OF THE CHEST:—Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

TRAUMATIC SURGERY. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

CLINICAL CLERKSHIP. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Pessagno, Nelson, Trimble, Brager, Jerardi, Garlick and Loker. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

THORACIC SURGERY [A DIVISION OF SURGERY]

OTTO C. BRANTIGAN.....	Professor of Thoracic Surgery
WILLIAM L. GARLICK.....	Associate Professor of Thoracic Surgery
R. ADAMS COWLEY.....	Assistant Professor of Thoracic Surgery
DONALD B. HEBB.....	Assistant in Thoracic Surgery
GEORGE SCHIMERT.....	Resident in Thoracic Surgery

Men having completed three years of American Board of Surgery training are eligible for appointment. The first year is spent in thoracic research surgery. The second year is in clinical thoracic surgery at Baltimore City, Mercy and University Hospitals.

TROPICAL MEDICINE [A DIVISION OF MEDICINE]

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class

TUBERCULOSIS [A DIVISION OF MEDICINE]

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

UROLOGY [A DIVISION OF SURGERY]

W. HOUSTON TOULSON.....	Professor of Urology
KENNETH D. LEGGE.....	Professor of Clinical Urology
HOWARD B. MAYS.....	Assistant Professor of Urology
FRANCIS W. GILLIS.....	Assistant Professor of Urology
JOHN F. HOGAN.....	Assistant Professor of Urology
JOHN S. HAINES.....	Assistant Professor of Urology
AUSTIN H. WOOD.....	Associate in Urology
LYLE J. MILLAN.....	Associate in Urology
L. K. FARGO.....	Associate in Urology
HUGH J. JEWETT.....	Associate in Urology
MARTIN A. ROBBINS.....	Associate in Urology
JOHN D. YOUNG, JR.....	Associate in Urology
JOHN H. MENNING.....	Instructor in Urology
HERMAN J. MEISEL.....	Instructor in Urology
WILFORD A. COUNCILL, JR.....	Assistant in Urology

Third Year. This course is given for seven hours to the whole class. It consists of lectures and demonstrations, including the use of lantern slides and motion pictures. Dr. Toulson.

Fourth Year. The course includes explanations and demonstrations of urethros-copy, cystoscopy, ureteral catheterization, renal function tests, urography, urine cultures and the various laboratory procedures. The teaching consists of clinics and ward rounds to small groups, and attendance by members of the senior class upon the out-patients in the dispensary. The student is placed on his own re-

sponsibility in arriving at a diagnosis. These Out-Patient Department classes are conducted at both the Mercy and University Hospitals where practically every variety of urogenital disease is seen and used for teaching purposes.

Third year	6 hours
Fourth year	39 hours
Total	45 hours

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S. Director of Libraries and Professor
of Library Science

IDA MARIAN ROBINSON, A.B., B.S.L.S. Librarian and Associate Professor of
Library Science

HILDA E. MOORE, A.B., A.B.L.S. Associate Librarian

FLORENCE R. KIRK

MARIE HARVIN, B.A., B.S.L.S. Assistant Librarian

FRITZI J. FARLEY

ELIZABETH E. McCOACH

PATRICIA C. WATKINS

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. BUBERT, *Chairman and Director*

DIETRICH C. SMITH, <i>Assistant Director and 1st Vice-chairman</i>	WETHERBEE FORT
L. A. M. KRAUSE, <i>2nd Vice-chairman</i>	JOHN C. KRANTZ, JR.
J. EDMUND BRADLEY	J. MORRIS REESE
OTTO C. BRANTIGAN	HARRY M. ROBINSON, JR.
GEORGE H. BUCK	MILTON S. SACKS
WILLIAM K. DIEHL	ALLEN F. VOSHELL
FRANK H. J. FIGGE	JOHN A. WAGNER

ELIZABETH CARROLL, *Executive Secretary*
The Dean—*Ex Officio*

Calendar: Postgraduate courses are offered from September 16 to June 1.

The Postgraduate Committee presented a second closed circuit telecast at University Hospital on November 5, 1953. This presentation originated from several different points in University Hospital and was viewed in Gordon Wilson Hall by physicians in attendance who represented many of the counties of Maryland. The telecast was sent to Osler Hall on Cathedral Street for viewing by members of the Baltimore City Medical Society. The endeavor met with great success. It is hoped that in the future the telecast may be sent to outlying sections of the State on closed circuit.

The weekly television show, "Live and Help Live" which was discontinued during the summer months will be resumed in the autumn.

A series of eight weekly seminars on Cardiology was presented to the Delaware

Academy of General Practice in Wilmington, Delaware. This series was very well received by the physicians who enrolled for the course.

At Memorial Hospital, Easton, Maryland, lectures were given as follows: January 20, 1954, ALLERGY; March 18, 1954, SKIN; May 19, 1954, PEDIATRICS.

The following intramural postgraduate courses have been continued:

ANATOMY

General Anatomy. Designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition is arranged according to registration, content and duration.

Anatomy of the Head and Neck as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition is \$150.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

Surgical Anatomy. Designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition is \$150.00.

PATHOLOGY

Neuropathology. Designed to aid in meeting the requirements of the specialty boards in neurological sciences, and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition is \$200.00 plus \$10.00 laboratory fee.

GYNECOLOGY

Gynecology, Oncology and Female Urology. This is a REVIEW, designed primarily for the general practitioner. Students attend lectures, ward rounds, and clinics and OBSERVE operations. Full time for ten weeks. Tuition is \$125.00

GYNECOLOGY AND OBSTETRICS

Gynecology and Obstetrics. This is a REVIEW, designed for the general practitioner. Students attend lectures, ward rounds and clinics, and OBSERVE operations and deliveries. Full time for twelve weeks. Tuition is \$150.00.

BASIC SCIENCES

Basic Sciences as they apply to the practice of medicine. Designed to familiarize students with the advances in basic sciences during recent years. The course consists of 32 periods of 2 hours each, once a week between October and June. Tuition is \$50.00.

Full descriptions of these courses are available. Inquiries should be addressed

to the Postgraduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams	Frank H. J. Figge	Dexter L. Reimann
Marie A. Andersch	Jacob E. Finesinger	Henry L. Rigdon
James G. Arnold, Jr.	A. H. Finkelstein	Harry M. Robinson, Jr
Robert E. Bauer	Russel S. Fisher	Harry M. Robinson, Sr.
Joseph G. Bird	Albert E. Goldstein	Raymond C. V. Robinson
Francis Borges	Maurice Greenhill	Milton S. Sacks
Harry C. Bowie	Lewis P. Gundry	John E. Savage
J. Edmund Bradley	Nathan B. Herman	Leonard Scherlis
Otto C. Brantigan	Harry C. Hull	Sidney Scherlis
George H. Brouillet	J. Mason Hundley, Jr.	Emil G. Schmidt
Howard M. Bubert	D. Frank Kaltreider	William B. Settle
Raymond M. Burgison	Theodore Kardash	Dietrich C. Smith
T. Nelson Carey	Vernon E. Krahl	George W. Smith
C. Jelleff Carr	John C. Krantz, Jr.	Merrill Snyder
Robert Chenowith	L. A. M. Krause	Nathan Snyder
Ernest I. Cornbrooks, Jr.	Arnold F. Lavenstein	Hugh R. Spencer
Edward F. Cotter	C. Edward Leach	Melchijah Spragins
R. Adams Cowley	Ephraim T. Lisansky	Edwin H. Stewart, Jr.
Richard J. Cross, Jr.	William S. Love, Jr.	Harry A. Teitelbaum
John DeCarlo, Jr.	Wm. V. Lovitt, Jr.	W. Houston Toulson
John M. Dennis	Fred R. McCrumb	Eduard Uhlenhuth
Francis G. Dickey	Hugh B. McNally	Henry F. Ullrich
William K. Diehl	Howard B. Mays	Allen Fiske Voshell
Everett S. Diggs	Samuel Morrison	John A. Wagner
D. McClelland Dixon	H. Whitman Newell	Wallace Walker
Louis H. Douglass	Robert H. Oster	Milton J. Wilder
J. Sheldon Eastland	Frank J. Otenasek	Walter D. Wise
Charles Reid Edwards	Robert T. Parker	Henry L. Wollenweber
Monte Edwards	Ross Z. Pierpont	Theodore E. Woodward
William L. Fearing	Maurice C. Pincoffs	Robert B. Wright
Frederick P. Ferguson	J. Morris Reese	George H. Yeager
	Herbert E. Reifschneider	

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 16, 1954 TO JANUARY 22, 1955

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler Histology Laboratory</i>		Orientation 9:00-9:50 1st 3 Lectures <i>A. H.</i> Anatomy 10:00-12:00 1st 3 Sessions After Oct. 6 Anatomy 9:00-12:00 <i>1st Floor Br. Lab.</i>	*Histology and Embryology Lecture and Lab. <i>2nd Floor Bressler Histology Laboratory</i>		Gross Anatomy <i>A. H.</i>
12.00 to 1.00	Lunch					
1.00 to 5.00	Gross Anatomy Lecture <i>A. H.</i> 1:00 to 2:00 Daily, Laboratory Bressler 1, 2:00 to 5:00 Daily					

* Course ends December 17, 1954.

SECOND SEMESTER, JANUARY 24 TO JUNE 4, 1955

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 12.00	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B Room 171 P.I.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A Room 171 P.I.	Laboratory — Biol. Chem. Sect. A — Psychiatry Sect. B Room 171 P.I.	Laboratory — Biol. Chem. Sect. B — Psychiatry Sect. A Room 171 P.I.	Introduction to Medicine 9:00—1100 Room 171 P.I.	
12.00 to 1.00	Lunch	Lunch	Lunch	Lunch	Lunch	
1.00 to 1.50	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	Biol. Chem. <i>Adm. 1</i>	
2.00 to 2.50	Physiology <i>Bressler 2</i>	Neuro- Anatomy Lecture	Biol. Chem. Conference <i>Adm. 1</i>	Neuro- Anatomy Lecture	Biol. Chem. Conference <i>Adm. 1</i>	
3.00 to 3.50	Physiology Conference <i>Bressler 2</i>	and Laboratory	Biostatistics <i>C. H.</i>	and Laboratory	Physiology <i>Bressler 2</i>	
4.00 to 5.00		<i>Bressler 2nd Floor</i>		<i>Bressler 2nd Floor</i>		

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

A. H.—Anatomical Hall—Upper Hall, N. E. Cor. Lombard and Greene Streets.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

P. I.—Psychiatric Institute, University Hospital.

Biological Chemistry Laboratory—Third Floor, 31 South Greene Street.

Bressler Research Laboratory—29 S. Greene Street

Gross Anatomy—First Floor.

Histology and Embryology—Second Floor.

Neuro-anatomy—Second Floor.

Mid-Year Examinations—January 17-22, 1955

Final Examinations—Begin May 23, 1955

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 16, 1954 TO JANUARY 22, 1955

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 9.20	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Preventive Medicine <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Physiology <i>Bressler 2</i>	Clinical Pathology 8:00-8:50 C. H.
9.30 to 10.20	Physiology Conference <i>Bressler 2</i>	Microbiology <i>Adm. 1</i>	Microbiology <i>Adm. 1</i>	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	
10.30 to 12.30	†Bacteriology Laboratory				Neurological Diagnosis 10:45-11:45 C. H.	Correlative Medicine 9:00-11:00 P. I. 171
12.30	Lunch					
1.00 to 5.00	Pharmacology <i>Bressler 2</i> 1:00-1:50 Sect. B. Psychiatry P. I. 2:00-5:00 Physiology Laboratory 4th Floor <i>Bressler</i> Sect. A. 1:00-5:00 Sect. B.	Sect. A.	Clinical Pathology 1:00-2:00 <i>Bressler 2</i> 2:00-5:00 <i>Bressler 5</i>	Pharmacology Laboratory 3rd Floor <i>Bressler</i> Sect. B. 1:00-4:00 Sect. A.		

† Bacteriology Laboratory—Section work during the last month.

SECOND SEMESTER, JANUARY 24 TO JUNE 4, 1955

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 9.20	Surgery <i>Bressler 2</i>	Surgery <i>Bressler 2</i>	Surgical Anatomy <i>Adm. 1</i>	Orthopaedics <i>Adm. 1</i>	Gynecology <i>Amp.</i>	Clinical Pathology 8:00-8:50 C. H.
9.30 to 10.20	Pharmacology <i>Bressler 2</i>	Pharmacology <i>Bressler 2</i>	Surgical Anatomy Laboratory <i>Bressler 1</i>	Obstetrics <i>Adm. 1</i>	Pharmacology <i>Bressler 2</i>	Correlative Medicine 9:00-11:00 P. I. 171
10.30 to 11.20	Pathology C. H.	Pathology C. H.		Pathology C. H.	Pathology C. H.	
11.30	Lunch					
12.00 to 1.50	Pathology Laboratory	Pathology Laboratory	Microbiology 12:00-1:00 C. H.	Pathology Laboratory	Pathology Laboratory	
2.00 to 3.00	Surgical Anatomy <i>Adm. 1</i>	Microbiology	Clinical Pathology 1:00-2:00 <i>Bressler 2</i> 2:00-5:00 <i>Bressler 5</i>	Pharmacology Laboratory Sect. A Physical Diagnosis Sect. B (3:00-5:00) U. H. D.	Pharmacology Laboratory Sect. B Physical Diagnosis Sect. A (3:00-5:00) U. H. D.	
3.00 to 5.00	Surgical Anatomy Laboratory <i>Bressler 1</i>	Laboratory				

|| Microbiology Laboratory—Section work during last two months.

Locations of Lecture Halls and Laboratories:

Adm. 1—First Floor, Administration Building, 520 W. Lombard Street.

C. H.—Chemical Hall, Lower Hall, 522 W. Lombard Street.

Amp.—Wilson Memorial Amphitheatre, New University Hospital, Greene and Redwood Streets, Eighth Floor.

U. H. D.—University Hospital Out-Patient Department, Old Hospital Building.

P. I.—Psychiatric Institute, University Hospital.

Laboratories:

Physiology, Pharmacology, Surgical Anatomy—Bressler Building.

Bacteriology, Immunology, Pathology, Second Floor, 31 S. Greene Street.

Mid-Year Examinations—January 17-22, 1955

Final Examinations—Begin May 23, 1955

THIRD YEAR SCHEDULE

SEPTEMBER 16, 1954 TO MAY 21, 1955

LECTURE SCHEDULE**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00 to 8:50	Surgery <i>C. H.</i>	Surgery <i>C. H.</i>	Obstetrics <i>C. H.</i>	Surgery <i>C. H.</i>	Pathology <i>C. H.</i>	Surgical Specialties <i>C. H.</i>
9:00 to 9:50	Medicine Neurology Preventive Medicine <i>C. H.</i>	Obstetrics 1st Semester Psychiatry 2nd Semester <i>C. H.</i>	Surgical Spec. Urology Plastic Surgery Ophthalmology <i>C. H.</i>	Gynecology Ophthalmology <i>C. H.</i>	Medicine Legal Medicine Preventive Medicine <i>C. H.</i>	<i>C. P. C.</i> <i>AMP.</i>

CLASS DIVISIONS*

Division 1	Division 2	Division 3	Division 4†
Medicine — Legal Medicine Industrial Medicine Neurology Infectious Diseases Preventive Medicine	Surgery — Operative Surgery Neurosurgery Otolaryngology Otology Ophthalmoscopy Pathology	The Specialties — Obstetrics Pathology Psychiatry Pediatrics	Clinical Clerkships Neurology Pathology Radiology Orthopaedics

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
September 16, 1954 to November 10, 1955 (8 weeks) Groups 1 and 2 Division 1 Groups 3 and 4 Division 2 Groups 5 and 6 Division 3 Groups 7 and 8 Division 4	January 23, 1955 to March 19, 1955 (8 weeks) Groups 1 and 2 Division 3 Groups 3 and 4 Division 4 Groups 5 and 6 Division 1 Groups 7 and 8 Division 2
2nd Quarter	4th Quarter
November 11, 1954 to January 22, 1955 (8 weeks) Groups 1 and 2 Division 2 Groups 3 and 4 Division 3 Groups 5 and 6 Division 4 Groups 7 and 8 Division 1	March 20, 1955 to May 21, 1955 (8 weeks) Groups 1 and 2 Division 4 Groups 3 and 4 Division 1 Groups 5 and 6 Division 2 Groups 7 and 8 Division 3

** Refer to mimeographed schedules for complete details.

NOTE: April 21 and 22, Annual Meeting Medical and Chirurgical Faculty.

* The Curriculum is arranged into 4 divisions, and the class into 8 groups. The entire class assembles daily (except Sunday) for lectures at 8:00 and at 9:00 a.m. in Chemical Hall after which students assigned to Division 4 transfer to B.C.H. Divisions 1, 2, and 3 remain at University Hospital.

† Students of Division 4 spend 8 weeks at Baltimore City Hospitals. On Mondays and Tuesdays students assigned to Division 4 at Baltimore City Hospitals return to the Medical School for Medical Clinic and Pathology.

4-week Periods:

September 16-October 13
October 14 -November 10
November 11-December 11
December 12-January 22

January 23 -February 19
February 20-March 19
March 20 -April 20
April 23 -May 21

FOURTH YEAR SCHEDULE **SEPTEMBER 16, 1954 TO MAY 17, 1955**

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks)	Pediatrics (4 weeks)	Surgery and Surgical Specialties (8 weeks)	Obstetrics (2 weeks)
—	—	—	—
Neurology	Psychiatry	Urology	Gynecology
Cardiology	(4 weeks)	Neuro Surgery	Oncology
Gastro-Enterology		Otology,	(2 weeks)
Metabolism		Otolaryngology	—
Allergy		Orthopaedics	Dermatology & Syphilology
Infectious Diseases		—	Oncology
Radiology		Radiology	Ophthalmology
			Anesthesiology (4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
Sept. 16, 1954 to Nov. 10, 1954 (8 weeks)	Jan. 23, 1955 to March 19, 1955 (8 weeks)
Groups 1, 2, 3, 4 to Division 1† Groups 5, 6, 7, 8 to Division 2 Groups 9, 10, 11, 12 to Division 3† Groups 13, 14, 15, 16 to Division 4	Groups 1, 2, 3, 4 to Division 3† Groups 5, 6, 7, 8 to Division 4 Groups 9, 10, 11, 12 to Division 1† Groups 13, 14, 15, 16, to Division 2
2nd Quarter	4th Quarter
Nov. 11, 1954 to Jan. 22, 1955 (8 weeks)	March 20, 1955 to May 17, 1955 (8 weeks)
Groups 1, 2, 3, 4 to Division 2 Groups 5, 6, 7, 8 to Division 3† Groups 9, 10, 11, 12 to Division 4 Groups 13, 14, 15, 16 to Division 1†	Groups 1, 2, 3, 4 to Division 4 Groups 5, 6, 7, 8 to Division 1† Groups 9, 10, 11, 12 to Division 2 Groups 13, 14, 15, 16 to Division 3†

* The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups of students assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks. Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 5, 1954

ABRAMS, SAMUEL JOSEPH, B.A. Maryland	HARTMAN, JOHN FREDERICK, B.S. Maryland
BAITCH, ARTHUR, B.S. Maryland	HARVEY, HAROLD DEWEY, B.A., B.S. Missouri
BAUERNSCHUB, GEORGE MARBRY, JR., B.S. Maryland	HATFIELD, WILLIAM HENRY, B.A. Maryland
BECHTOLD, JEAN CAROL, B.S. . . Maryland	HAYES, JAMES WESTCOTT, B.A. Maryland
BERNARDO, ANTHONY A., B.S. Rhode Island	HEADLEY, WILLIAM MCKENDREE, B.S. Maryland
BERNTSON, DALE RAMPSTON, B.A. Utah	HOLCOMBE, ROBERT CALKINS, B.A. Illinois
BESSON, EDWIN HENRY TAYLOR, B.S. Maryland	HOPF, EDWARD WARREN, B.S. Maryland
BETZ, RICHARD NORMAN, B.A. Maryland	HOUPT, WILLIAM PIERRE, B.A. Maryland
BLUMENFELD, HERBERT LEE, B.S. Maryland	HUNT, THOMAS EDWARD, JR., B.A. West Virginia
BROWN, STUART MORTON, B.S. Maryland	JONES, RICHARD ARVIN, B.A. . . . Maryland
BULLOCK, ALLEN CULPEPPER, JR., B.S. Maine	JONES, ROSELLA EDITH, B.A. . . . Maryland
CARNEY, MARY KATHLEEN, B.A. Maryland	KAPLAN, IRVIN BERNARD, B.S. Maryland
COHEN, EARL, B.S. Maryland	KEEFE, RAYMOND BERNARD, B.S. Connecticut
COYLE, JEAN MARIE, B.S. Maryland	KIESTER, THOMAS EDWARD, B.A. . . . Ohio
DEFENDINI, EFRAIN ANTONIO Puerto Rico	KLOHR, EDWARD SMITH, JR. . . . Maryland
DORAN, WILLIAM FRANCIS, B.S. Pennsylvania	KNOTTS, BENJAMIN FRANKLIN, JR., B.A. Florida
EDWARDS, ARTHUR GEORGE, JR., B.S. Maryland	LAVINE, STANFORD ABE, B.S. Pennsylvania
ELLIN, MORTON JACK, B.S. Maryland	LEVIN, HERBERT JOSEPH, B.S. Maryland
ELLIS, ROBERT HAIG, B.S. North Dakota	LEVINE, HILBERT MERRILL, B.A. Maryland
EVANS, THEODORE EDWARD, B.S. Maryland	LEVY, DAVID ALFRED, B.S. Maryland
FITCH, CHARLES THOMAS, B.S. Maryland	LOOFF, DAVID HENRY, B.S. Washington
FORREST, OTTO NORMAN, JR., B.A. Maryland	MAWHINNEY, CHARLES, JR., B.S. Pennsylvania
FRAMM, DANIEL HERSCHEL, B.S. Maryland	MCGONIGLE, JOHN JEROME, JR., B.A. Massachusetts
FREED, MALCOLM FELIX, B.S. Maryland	MOSS, IRWIN HAROLD, B.A. Maryland
FRITZ, GEORGE SUPPES. Maryland	MUELLER, CHARLES HERBERT, JR., B.S. Maryland
FRUTH, RICHARD LAWRENCE, B.S., M.S. West Virginia	MUELLER, EUGENE ALEXANDER, B.S. Ohio
FUNKHOUSER, GEORGE RICHARD, B.S. Maryland	MURPHY, JOHN DAILY, B.A. Illinois
GABLE, WALTER DELAY, B.S. Maryland	NAFZINGER, MOSES LEROY, B.S. Maryland
GERWIG, JOHN MONROE, JR., B.A. Maryland	NANGLE, BEVERLY B., B.A. Maryland
GESSNER, JOHN EDWARD, B.S. Maryland	NANGLE, GERALD FRANCIS, B.A. Maryland
GLICK, LOUIS MICHAEL. Maryland	NOVEY, RIVA ESTHER, A.B., M.S. Maryland
GOLDSMITH, RALPH SAMUEL, B.S. Maryland	NOYA, JOSEPH, B.S. Maryland
GOLDSTEIN, ROBERT BRUCE. Maryland	OWENS, DAVID, B.S. Maryland
GUNNING, JEAN-JACQUES, B.A. Maryland	PACKARD, ALBERT GIBSON, JR., B.A. Maryland
HALGRIMSON, KENNETH WAYNE, B.S. North Dakota	PATS, ALBERT, B.S. Maryland
HAMMER, CHARLES JOHN, JR., B.A. Maryland	

PATTEN, DAVID HALES, B.A.	Maryland	TRACY, HAROLD WILLIAMS, JR., B.S.	Maryland
PEREZ-ARZOLA, MIGUEL	Puerto Rico	TRAPNELL, HENRY ROGERS	Maryland
RAINESS, MORRIS, B.A.	Maryland	TUBLIN, IRA NATHAN, B.S.	Maryland
ROBERTS, ROBERT REUEL RICHARD, B.S.	Maryland	WALL, GEORGE HARRY, B.S.	Maryland
SCHLENOFF, MILTON, B.S.	Maryland	WEISS, HAROLD ROBERT, B.S.	Maryland
SHAPIRO, JEROME EDWIN, B.A.	Maryland	WELLIVER, DANIEL IRVIN, B.A.	Maryland
SHOCHET, BERNARD RICHARD, B.S.	Maryland	WELTON, WILLIAM ARCH, JR., B.A.	West Virginia
SIMPSON, MARSHALL ALBERT	Delaware	WHITE, KENNETH HOWARD, JR., B.A.	Ohio
SMYTH, J. WALTER, B.S.	Maryland	WHITTAKER, ARTHUR VANCE, B.S.	Pennsylvania
OLON, THOMAS JOHN, B.S.	New York	WILD, WILLIAM OTTO, B.S.	Ohio
STANGEBOYE, THORLIEF LUDVIG, JR., A.B.	North Dakota	WOHL, MILTON JACK, B.S.	Maryland
TEETER, JAMES HERRING, B.A.	Maryland	YIM, ROBERT EARL, B.S.	Nevada
THAMES, RUFUS, B.S.	Florida		

HONORS

UNIVERSITY PRIZE GOLD MEDAL

GEORGE SUPPES FRITZ

CERTIFICATE OF HONOR

RALPH SAMUEL GOLDSMITH
DAVID ALFRED LEVYALBERT GIBSON PACKARD, JR.
IRA NATHAN TUBLIN

KENNETH HOWARD WHITE, JR.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

JOHN F. HARTMAN

THE DR. WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE OF
PROFICIENCY

WALTER DELAY GABLE

THE DR. LEONARD M. HUMMEL MEMORIAL MEDAL AND CERTIFICATE OF
PROFICIENCY

ALBERT GIBSON PACKARD, JR.

INTERNSHIPS—GRADUATES OF JUNE 5, 1954

July 1, 1954—June 30, 1955

SAMUEL JOSEPH ABRAMS	Sinai Hospital of Baltimore, nc., Baltimore, Md.
ARTHUR BAITCH	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
GEORGE MARBRY BAUERNSCHUB, JR.	Mercy Hospital, Baltimore, Md.
JEAN CAROL BECHTOLD	Queens General Hospital, Jamaica, New York
ANTHONY A. BERNARDO	Mercy Hospital, Baltimore, Md.
DALÉ RAMPTON BERTNSON	Dr. W. H. Groves Latter-Day Saints Hospital, Salt Lake City, Utah
EDWIN H. T. BESSON	St. Agnes Hospital, Baltimore, Md.
RICHARD NORMAN BETZ	Jackson Memorial Hospital, Miami, Florida
HERBERT LEE BLUMENFELD	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
STUART MORTON BROWN	Providence Hospital, Washington, D. C.
ALLEN CULPEPER BULLOCK, JR.	St. Mary's Memorial Hospital, Knoxville, Tennessee
MARY KATHLEEN CARNEY	Baltimore City Hospitals, Baltimore, Md.
EARL COHEN	San Diego County General Hospital, San Diego, Cal.
JEAN MARIE COYLE	Baltimore City Hospitals, Baltimore, Md.

EFRAIN ANTONIO DEFENDINI.....	San Juan City Hospital, San Juan, Puerto Rico
WILLIAM FRANCIS DORAN.....	St. Joseph's Hospital, Pittsburgh, Penna.
ARTHUR GEORGE EDWARDS, JR.....	Mercy Hospital, Baltimore, Md.
MORTON J. ELLIN.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
ROBERT HAIG ELLIS.....	Denver General Hospital, Denver, Colorado
THEODORE EDWARD EVANS.....	Bon Secours Hospital, Baltimore, Md.
CHARLES THOMAS FITCH.....	University Hospital, Baltimore, Maryland
O. NORMAN FORREST, JR.....	Mercy Hospital, Baltimore, Md.
DANIEL HERSCHEL FRAMM.....	Mercy Hospital, Baltimore, Md.
MALCOLM FELIX FREED.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
GEORGE SUPPES FRITZ.....	Mound Park Hospital, St. Petersburg, Florida
RICHARD LAWRENCE FRUTH.....	Ohio Valley General Hospital, Wheeling, W. Va.
GEORGE RICHARD FUNKHOUSER.....	Harrisburg Hospital, Harrisburg, Pennsylvania
WALTER DELAY GABLE.....	U.S. Naval Hospital, San Diego, California
JOHN MONROE GERWIG, JR.....	St. Agnes Hospital, Baltimore, Md.
JOHN EDWARD GESSNER.....	Bon Secours Hospital, Baltimore, Md.
LOUIS MICHAEL GLICK.....	Mercy Hospital, Chicago, Illinois
RALPH SAMUEL GOLDSMITH.....	Walter Reed General Hospital, Washington, D. C.
ROBERT BRUCE GOLDSTEIN.....	University Hospital, Baltimore, Maryland
JEAN-JACQUES GUNNING.....	U.S. Naval Hospital, San Diego, California
KENNETH WAYNE HALGRIMSON.....	Luther Hospital, Eau Claire, Wisconsin
CHARLES JOHN HAMMER, JR.....	University Hospital, Ann Arbor, Michigan
JOHN FREDERICK HARTMAN.....	Bon Secours Hospital, Baltimore, Md.
HAROLD DEWEY HARVEY.....	Collis P. & Howard Huntington Memorial Hospital, Pasadena, California
WILLIAM HENRY HATFIELD.....	St. Mary's Memorial Hospital, Knoxville, Tennessee
JAMES WESTCOTT HAYES.....	Johns Hopkins Hospital, Baltimore, Md.
WILLIAM MCKENDREE HEADLEY.....	Johns Hopkins Hospital, Baltimore, Md.
ROBERT CALKINS HOLCOMBE.....	Bellevue Hospital, New York City, New York
EDWARD WARREN HOPF.....	Mercy Hospital, Baltimore, Md.
WILLIAM PIERRE HOUPTE.....	Mercy Hospital, Baltimore, Md.
THOMAS EDWARD HUNT, JR.....	University Hospital, Baltimore, Md.
RICHARD ARVIN JONES.....	Mercy Hospital, Baltimore, Md.
ROSELLA EDITH JONES.....	University of Chicago Clinics, Chicago, Illinois
IRVIN BERNARD KAPLAN.....	U.S. Public Health Service Hospital, Baltimore, Md.
RAYMOND BERNARD KEEFE.....	St. Francis Hospital, Hartford, Connecticut
THOMAS EDWARD KLESTER.....	U.S. Public Health Service Hospital, Baltimore, Md.
EDWARD SMITH KLOHR, JR.....	University Hospital, Baltimore, Md.
BENJAMIN FRANKLIN KNOTTS, JR.....	Jackson Memorial Hospital, Miami, Florida
STANFORD A. LAVINE.....	Philadelphia General Hospital, Philadelphia, Penna.
HERBERT JOSEPH LEVIN.....	Michael Reese Hospital, Chicago, Illinois
HILBERT MERRILL LEVINE.....	Mercy Hospital, Baltimore, Maryland
DAVID ALFRED LEVY.....	University Hospital, Baltimore, Md.
DAVID HENRY LOOFF.....	U.S. Public Health Service Hospital, Baltimore, Md.
CHARLES MAWHINNEY, JR.....	York Hospital, York, Pennsylvania
JOHN JEROME MCGONIGLE, JR.....	Carney Hospital, Boston, Massachusetts
IRWIN HAROLD MOSS.....	University Hospital, Baltimore, Md.
CHARLES HERBERT MUELLER, JR.....	Church Home and Hospital, Baltimore, Md.
EUGENE ALEXANDER MUELLER.....	Church Home and Hospital, Baltimore, Md.
JOHN DAILY MURPHY.....	University Hospital, Baltimore, Md.
MOSES LE ROY NAFZINGER.....	Church Home and Hospital, Baltimore, Md.
BEVERLY BERCK NANGLE.....	Union Memorial Hospital, Baltimore, Md.
GERALD FRANCIS NANGLE.....	University Hospital, Baltimore, Md.
RITA NOVEY.....	Union Memorial Hospital, Baltimore, Md.
JOSEPH JOHN NOYA.....	Church Home and Hospital, Baltimore, Md.
DAVID OWENS.....	Bon Secours Hospital, Baltimore, Md.
ALBERT GIBSON PACKARD, JR.....	University Hospital, Baltimore, Md.
ALBERT PATS.....	Mercy Hospital, Baltimore, Md.
DAVID HALES PATTEN.....	University Hospital, Baltimore, Md.
MIGUEL PEREZ-ARZOLA.....	San Juan City Hospital, San Juan, Puerto Rico
MORRIS RAINESS.....	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
ROBERT REUEL RICHARD ROBERTS.....	St. Francis Hospital, Peoria, Illinois
MILTON SCHLENOFF.....	Lutheran Hospital of Maryland, Inc., Baltimore, Md.

JEROME EDWIN SHAPIRO	St. Agnes Hospital, Baltimore, Md.
BERNARD RICHARD SHOCHE	U.S. Public Health Service Hospital, Baltimore, Md.
MARSHALL ALBERT SIMPSON	Huntington Memorial Hospital, Pasadena, California
J. WALTER SMYTH	University Hospital, Baltimore, Md.
THOMAS JOHN SOLON	Meadowbrook Hospital, Hempstead, New York
THORLIEF LUDWIG STANGEBOE, JR.	City of Detroit Receiving Hospital, Detroit, Mich.
JAMES HERRING TEETER	Mercy Hospital, Baltimore, Md.
RUFUS THAMES	Duval Medical Center, Jacksonville, Florida
HAROLD WILLIAM TRACY, JR.	U.S. Naval Hospital, Portsmouth, Virginia
HENRY ROGERS TRAPNELL	U.S. Naval Hospital, Portsmouth, Virginia
IRA NATHAN TUBLIN	Gallinger Municipal Hospital, Washington, D. C.
GEORGE HARRY WALL	Mercy Hospital, Baltimore, Md.
HAROLD ROBERT WEISS	University Hospital, Baltimore, Md.
DANIEL IRVIN WELLIVER	University Hospital, Ann Arbor, Michigan
WILLIAM ARCH WELTON	Meadowbrook Hospital, Long Island, New York
KENNETH HOWARD WHITE, JR.	Youngstown Hospital Association, Youngstown, Ohio
ARTHUR VANCE WHITTAKER	Youngstown Hospital Association, Youngstown, Ohio
WILLIAM OTTO WILD	St. Luke's Hospital, Cleveland, Ohio
MILTON JACK WOHL	Sinai Hospital of Baltimore, Inc., Baltimore, Md.
ROBERT EARL YIM	University Hospital, Baltimore, Md.

MATRICULANTS

SENIOR CLASS, SEPTEMBER 17, 1953 TO JUNE 5, 1954

ABRAMS, SAMUEL JOSEPH, B.A., <i>Johns Hopkins University, 1950</i>	Maryland
BAITCH, ARTHUR, B.S., <i>University of Maryland, 1952</i>	Maryland
BAUERNSCHUB, GEORGE MARBRY, JR., B.S., <i>Loyola College, 1950</i>	Maryland
BECHTOLD, JEAN CAROL, B.S., <i>University of Maryland, 1952</i>	Maryland
BERNARDO, ANTHONY A., B.S., <i>University of Maryland, 1950</i>	Rhode Island
BERNTSON, DALE RAMPSTON, A.B., <i>University of Utah, 1950</i>	Utah
BESSON, EDWIN HENRY TAYLOR, B.S., <i>Washington College, 1950</i>	Maryland
BETZ, RICHARD NORMAN, A.B., <i>Johns Hopkins University, 1950</i>	Maryland
BLUMENFELD, HERBERT LEE, B.S., <i>University of Maryland, 1952</i>	Maryland
BROWN, STUART MORTON, B.S., <i>University of Maryland, 1952</i>	Maryland
BULLOCK, ALLEN CULPEPPER, JR., B.S., <i>Bates College, 1950</i>	Maine
CARNEY, MARY KATHLEEN, A.B., <i>College of Notre Dame, 1950</i>	Maryland
COHEN, EARL, B.S., <i>University of Maryland, 1952</i>	Maryland
COYLE, JEAN MARIE, B.S., <i>University of Maryland, 1952</i>	Maryland
DEFENDINI, EFRAIN ANTONIO, <i>University of Puerto Rico</i>	Puerto Rico
DORAN, WILLIAM FRANCIS, B.S., <i>Allegheny College, 1950</i>	Pennsylvania
EDWARDS, ARTHUR GEORGE, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
ELLIN, MORTON JACK, B.S., <i>University of Maryland, 1952</i>	Maryland
ELLIS, ROBERT HAIG, B.S., <i>University of North Dakota, 1950, University of North Dakota Medical School, 1950-1952</i>	North Dakota
EVANS, THEODORE EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
FITCH, CHARLES THOMAS, B.S., <i>George Washington University, 1950</i>	Maryland
FORREST, OTTO NORMAN, JR., A.B., <i>Duke University, 1949</i>	Maryland
FRAMM, DANIEL HERSCHEL, B.S., <i>University of Maryland, 1952</i>	Maryland
FREED, MALCOLM FELIX, B.S., <i>University of Maryland, 1952</i>	Maryland
FRITZ, GEORGE SUPPES, <i>University of Maryland</i>	Maryland
FRUTH, RICHARD LAWRENCE, A.B., M.S., <i>W. Va. University, 1949, 1950</i>	West Virginia
FUNKHOUSER, GEORGE RICHARD, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GABLE, WALTER DELAY, B.S., <i>University of Maryland, 1952</i>	Maryland
GERWIG, JOHN MONROE, JR., B.A., <i>Johns Hopkins University, 1950</i>	Maryland
GESSNER, JOHN EDWARD, B.S., <i>Loyola College, 1950</i>	Maryland
GLICK, LOUIS MICHAEL, Ml. <i>St. Mary's College</i>	Maryland
GOLDSMITH, RALPH SAMUEL, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
GOLDSTEIN, ROBERT BRUCE, <i>University of Maryland</i>	Maryland
GUNNING, JEAN JACQUES, A.B., <i>Loyola College, 1950</i>	Maryland
HALGRIMSON, KENNETH WAYNE, B.S., <i>College of Idaho, 1950</i>	North Dakota
HAMMER, CHARLES JOHN, JR., A.B., <i>Western Maryland College, 1950</i>	Maryland

HARTMAN, JOHN FREDERICK, B.S., <i>Loyola College, 1950</i>	Maryland
HARVEY, HAROLD DEWEY, A.B., B.S., <i>Southwest Missouri State Coll., 1950</i>	Missouri
HATFIELD, WILLIAM HENRY, A.B., <i>St. John's College, 1941</i>	Maryland
HAYES, JAMES WESTCOTT, A.B., <i>Johns Hopkins University, 1950</i>	Maryland
HEADLEY, WILLIAM MCKENDREE, B.S., <i>University of Maryland, 1950</i>	Maryland
HOLCOMBE, ROBERT CALKINS, A.B., <i>Washington University, 1950</i>	Illinois
HOPF, EDWARD WARREN, B.S., <i>Loyola College, 1950</i>	Maryland
HOUP, WILLIAM PIERRE, A.B., <i>Loyola College, 1950</i>	Maryland
HUNT, THOMAS EDWARD, JR., A.B., <i>West Virginia University, 1950</i>	West Virginia
JONES, RICHARD ARVIN, A.B., <i>Bridgewater College, 1950</i>	Maryland
JONES, ROSELLA EDITII, A.B., <i>Indiana University, 1949</i>	Maryland
KAPLAN, IRVIN BERNARD, B.S., <i>University of Maryland, 1949</i>	Maryland
KEEFE, RAYMOND BERNARD, B.S., <i>College of the Holy Cross, 1950</i>	Connecticut
KIESTER, THOMAS EDWARD, A.B., <i>Wittenberg College, 1950</i>	Ohio
KLOHR, EDWARD SMITH, JR., <i>Western Maryland College</i>	Maryland
KNOTTS, BENJAMIN FRANKLIN, JR., A.B., <i>Duke University, 1950</i>	Florida
LAVINE, STANFORD A., B.S., <i>University of Maryland, 1950</i>	Pennsylvania
LEVIN, HERBERT JOSEPH, B.S., <i>University of Maryland, 1950</i>	Maryland
LEVINE, HILBERT MERRILL, A.B., <i>Johns Hopkins University, 1950</i>	Maryland
LEVY, DAVID ALFRED, B.S., <i>University of Maryland, 1952</i>	Maryland
LOOFF, DAVID HENRY, B.S., <i>State College of Washington, 1950</i>	Washington
MAWHINNEY, CHARLES, JR., B.S., <i>University of Pittsburgh, 1948</i>	Pennsylvania
MCGONIGLE, JOHN JEROME, JR., A.B., <i>Holy Cross College, 1950</i>	Massachusetts
MOSS, IRWIN HAROLD, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
MUELLER, CHARLES HERBERT, JR., B.S., <i>Wheaton College, 1940</i>	Maryland
MUELLER, EUGENE ALEXANDER, B.S., <i>Mt. Union College, 1949</i>	Ohio
MURPHY, JOHN DAILY, A.B., <i>Centre College, 1950</i>	Illinois
NAFZINGER, MOSES LEROY, B.S., <i>Juniata College, 1950</i>	Maryland
NANGLE, BEVERLY B., A.B., <i>Asbury College, 1950</i>	Maryland
NANGLE, GERALD FRANCIS, A.B., <i>Ohio State University, 1948</i>	Maryland
NOVEY, RIVA ESTHER, A.B., <i>Goucher College, 1935, M.S., Smith College 1938</i> ..	Maryland
NOYA, JOSEPH, B.S., <i>Franklin and Marshall College, 1950</i>	Maryland
OWENS, DAVID, B.S., <i>Loyola College, 1950</i>	Maryland
PACKARD, ALBERT GIBSON, JR., A.B., <i>Johns Hopkins University, 1950</i>	Maryland
PATS, ALBERT, B.S., <i>University of Maryland, 1950</i>	Maryland
PATTEN, DAVID HALES, A.B., <i>Western Maryland College, 1950</i>	Maryland
PEREZ-ARZOLA, MIGUEL, <i>University of Puerto Rico</i>	Puerto Rico
RABB, HELLMUTH, <i>Florida Southern College</i>	Maryland
RAINESS, MORRIS, A.B., <i>Johns Hopkins University, 1950</i>	Maryland
ROBERTS, ROBERT REUEL RICHARD, B.S., <i>University of Maryland, 1950</i>	Maryland
SCHLENOFF, MILTON, B.S., <i>University of Maryland, 1950</i>	Maryland
SHAPIRO, JEROME EDWIN, A.B., <i>Johns Hopkins University, 1949</i>	Maryland
SHOCHET, BERNARD RICHARD, B.S., <i>University of Maryland, 1952</i>	Maryland
SIMPSON, MARSHALL ALBERT, <i>Western Maryland College</i>	Delaware
SMYTH, JAMES WALTER, B.S., <i>Loyola College, 1950</i>	Maryland
SOLON, THOMAS JOHN, B.S., <i>University of Maryland, 1952</i>	New York
STANGEBYE, THORLIEF LUDVIG, JR., B.A., <i>University of North Dakota, 1950,</i> <i>University of North Dakota Medical School, 1950-1952</i>	North Dakota
TEETER, JAMES HERRING, A.B., <i>Gettysburg College, 1950</i>	Maryland
THAMES, RUFUS, B.S., <i>University of Florida, 1950</i>	Florida
TRACY, HAROLD WILLIAM, JR., B.S., <i>University of Maryland, 1950</i>	Maryland
TRAPNELL, HENRY ROGERS, <i>University of Virginia</i>	Maryland
TUBLIN, IRA NATHAN, B.S., <i>University of Maryland, 1950</i>	Maryland
WALL, GEORGE HARRY, B.S., <i>University of Maryland, 1950</i>	Maryland
WEISS, HAROLD ROBERT, B.S., <i>University of Maryland, 1952</i>	Maryland
WELLIVER, DANIEL IRVIN, A.B., <i>Western Maryland College, 1950</i>	Maryland
WELTON, WILLIAM ARCH, JR., B.A., <i>Harvard University, 1950</i>	West Virginia
WHITE, KENNETH HOWARD, JR., B.A., <i>Youngstown College, 1950</i>	Ohio
WHITTAKER, ARTHUR VANCE, B.S., <i>Geneva College, 1949</i>	Pennsylvania
WILD, WILLIAM OTTO, B.S., <i>Mt. Union College, 1950</i>	Ohio
WOHL, MILTON JACK, B.S., <i>University of Dayton, 1950</i>	Maryland
YIM, ROBERT EARL, B.S., <i>University of Nevada, 1950</i>	Nevada

JUNIOR CLASS, SEPTEMBER 17, 1953 TO JUNE 5, 1954

ALBRECHT, JOHN GEORGE, <i>Adelphi College</i>	New York
BAER, GEORGE KOHLER, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BALCERZAK, STANLEY PAUL, JR., <i>University of Pittsburgh</i>	Pennsylvania
BALL, JAMES JOHN, <i>University of Illinois</i>	Maryland
BARNETT, ROBERT MAITLAND, JR., <i>College of Charleston</i>	South Carolina
BENITEZ-VAN RHYN, EUGENIO ENRIQUE, B.S., <i>University of Puerto Rico, 1951</i>	Puerto Rico
BEYER, OTTO CHRISTIAN, B.S., <i>Loyola College, 1951</i>	Maryland
BLANKMAN, NORMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
BRADLEY, ALBERT BENNETT, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BRUNSCHWYLER, PHILIP CRAIG, A.B., <i>West Virginia University, 1951</i>	West Virginia
BULLARD, FOSTER LUCIUS, JR., A.B., <i>Emory University, 1951</i>	Florida
CAMERON, DONALD CHISHOLM, B.A., <i>University of Delaware, 1951</i>	Delaware
CAPEL, NEAL CONRAD, B.S., <i>University of Utah, 1951</i>	Utah
CAVALLARO, JOSEPH WILLIAM, B.S., <i>University of Maryland, 1950</i>	Maryland
CHARLES, RODERICK EDWARD, B.S., <i>Howard University, 1951</i>	Maryland
CLOSE, JAMES MCCLAY, B.A., <i>Virginia Military Institute, 1951</i>	Maryland
COHEN, JONAS KOLKER, A.B., <i>University of Maryland, 1950</i>	Maryland
COLE, ROGER WILLARD, B.S., <i>University of Maryland, 1953</i>	Maryland
CORNELL, ROGER DETLEF, B.S., <i>Davidson College, 1951</i>	Maryland
COWAN, THOMAS WARNER, B.S., <i>University of Maryland, 1953</i>	Pennsylvania
COX, EVERARD FRANCIS, B.S., <i>University of Utah, 1951</i>	Utah
DALY, MARY VIOLA, B.S., <i>American University 1950; M.S., Iowa State College, 1951</i>	Maryland
DANN, THEODORE ALVIN B.S., <i>University of Maryland, 1953</i>	Maryland
DARRELL, JOHN JOSEPH, <i>Loyola College</i>	Maryland
DAVIS, THOMAS EDWARD, A.B., <i>Washington & Lee University, 1951</i>	Maryland
DEMO, DONALD HOWARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
DIEDERICHS, HENRY AUGUST, A.B., <i>Wittenberg College, 1951</i>	Ohio
DVORINE, WILLIAM, A.B., <i>Western Maryland College, 1950</i>	Maryland
ENGERS, JOHN ALBERT, JR., B.S., <i>Georgetown University, 1950</i>	Maryland
ESHELMAN, JOSEPH CHALICE, <i>University of Maryland</i>	Maryland
FELDMAN, MARTIN JEROME, B.S., <i>Loyola College, 1951</i>	Maryland
FREDERICK, JAMES NELSON, A.B., <i>West Virginia University, 1951</i>	West Virginia
FRISKEY, GEORGE HAMILTON, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GALLOWAY, CHARLES BARTON, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GAULD, JOHN ROSS, A.B., <i>University of Maryland, 1951</i>	Maryland
GELHAUS, VERNON MAYNARD, <i>Loyola College</i>	Maryland
GIFFORD, GEORGE EDMUND, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
GILMORE, GEORGE TRAVERS, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDBERG, JULIAN ROBERT, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDINER, MARVIN ALFRED, B.S., <i>University of Maryland, 1953</i>	Maryland
GOSHORN, GARY SWAN, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HARRIS, DANIEL BERNARD, B.S., <i>University of Maryland, 1951</i>	Maryland
HECKER, ALVIN WILFRED, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HERBST, HARRY HERMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HIGMAN, HENRY BOOTH, A.B., <i>St. Johns College, 1950</i>	Maryland
HIMMLER, WALTER NORMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HOLLISTER, WILLIAM, JR., B.S., <i>Davidson College, 1951</i>	North Carolina
HOPKINS, PETER HOLMES, B.S., <i>Randolph-Macon College, 1951</i>	Maryland
HUDSON, PAUL CARROLL, A.B., <i>Princeton University, 1948</i>	Maryland
HUGHES, JAMES LEWIS, B.S., <i>Georgetown University, 1951</i>	Maryland
IWANTSCH, ALFRED EDMUND, <i>Johns Hopkins University</i>	Maryland
JAMES, WALTER EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
KAPPELMAN, MURRAY MARTIN, B.S., <i>University of Maryland, 1953</i>	Maryland
KEEFE, WILLIAM PETER, B.S., <i>College of the Holy Cross, 1951</i>	Connecticut
KEEGAN, JAMES THOMAS, A.B., <i>Dartmouth College, 1951</i>	Connecticut
KIMMEL, LOUIS EDMUND, JR., B.S., <i>University of Maryland, 1953</i>	Maryland
KING, DANIEL DENOON, JR., B.S., <i>College of William and Mary, 1951</i>	Maryland
KIRBY, WILLIAM HENRY, JR., B.E., <i>Johns Hopkins University, 1943, M.S. Johns Hopkins University, 1951</i>	Maryland
KLUGMAN, YALE LEE, B.S., <i>University of Maryland, 1953</i>	Maryland

KOONS, CHARLES RONALD, B.S., <i>Purdue University, 1951</i>	New Jersey
KRAMER, MORTON DAVID, B.S., <i>University of Maryland, 1950</i>	Maryland
KRONE, WILLIAM FRANK, JR., A.B., <i>Washington and Jefferson College, 1951</i>	Maryland
LANCASTER, ROBERT GREGORY, <i>Gonzaga University</i>	Washington
LAVY, NORMAN WILBUR, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
LEIGHTON, RICHARD FREDERICK, B.A., <i>Western Maryland College, 1951</i>	Maryland
LEIPOLD, ERNEST ADAM, JR., <i>Johns Hopkins University</i>	Maryland
LEWANDOWSKI, ANTHONY ADAM, A.B., <i>Loyola College, 1951</i>	Maryland
LONGO, FRANK WALTER, B.S., <i>University of Maryland, 1951</i>	Connecticut
LYTTON, SIDNEY MELBOURNE, JR., A.B., <i>University of Maryland, 1949</i>	Maryland
MCGOWAN, JOHN PETER, B.S., <i>St. John's University, 1951</i>	New York
MCINTYRE, DAVID BECK, B.S., <i>University of Maryland, 1951</i>	Maryland
MENDELSON, JACK HAROLD, <i>Johns Hopkins University</i>	Maryland
MIKOLOSKI, VINCENT STANLEY, JR., A.B., <i>Clark University, 1951</i>	Massachusetts
MOONEY, ALBERT LEE, B.S., <i>Washington College, 1943</i>	Maryland
MORNINGSTAR, GEORGE LEO, A.B., <i>West Virginia University, 1951</i>	West Virginia
MORSE, LEONARD JACK, A.B., <i>American International College, 1951</i>	Massachusetts
MUELLER, PAUL GODFREY, <i>Loyola College</i>	Maryland
MURPHY, JAMES THOMAS, B.S., <i>Notre Dame University, 1953; University of North Dakota Medical School 1951-1953</i>	North Dakota
NATARO, FRANK ROBERT D'ANNEO, A.B., <i>Yale University, 1947, M.B.A., Columbia University, 1951</i>	New Jersey
NEELEY, JAMES PATTON, JR., B.S., <i>University of Utah, 1951</i>	Utah
POLIS, GEORGE NICHOLAS, B.S., <i>Georgetown University, 1951</i>	District of Columbia
POPPIC, ROBERT WILLIAM, B.A., <i>University of North Dakota, 1953; University of North Dakota Medical School, 1951-1953</i>	North Dakota
PRATT, CHARLES BENTON, JR., A.B., <i>University of North Carolina, 1951</i>	North Carolina
RASKIN, JOAN, A.B., <i>Goucher College, 1951</i>	Maryland
SAMORODIN, VIOLET SELMA, B.S., <i>University of Maryland, 1953</i>	Maryland
SAX, ALBERT MORTON, B.S., <i>Western Reserve University, 1951</i>	Maryland
SCHANBERGER, JOHN EDWARD, A.B., <i>Loyola College, 1951</i>	Maryland
SHIREY, ROBERT GARLAND, B.S., <i>West Virginia University, 1951</i>	West Virginia
SMALL, RICHARD ELWOOD, A.B., <i>Gettysburg College, 1951</i>	Pennsylvania
SNYDER, CLOVIS MARENE, A.B., <i>Washington and Lee University, 1951</i>	Maryland
SPOCK, ALEXANDER, B.S., <i>Loyola College, 1951</i>	Pennsylvania
STAGGERS, PHILLIP GARY, B.S., <i>University of Maryland, 1953</i>	West Virginia
STERLING, WILLIAM NORTON, B.S., <i>George Washington University, 1951</i>	District of Columbia
STEWART, DONALD WALLACE, B.S., <i>Morgan State College, 1951</i>	Maryland
STITCHER, JOSEPH EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
SUSSMAN, KARL EDGAR, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
THORPE, PETER VAN BOEKEL, A.B., <i>Brown University, 1941</i>	Maryland
WALTON, FRED RICHARD, A.B., <i>Indiana University, 1950</i>	Indiana
WARD, ANN MARIE, A.B., <i>Barnard College, 1951</i>	New Jersey
WELLING, CHARLES CLARK, B.S., <i>University of Utah, 1951</i>	Utah
YOUSEM, HERBERT LEONARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland

SOPHOMORE CLASS, SEPTEMBER 17, 1953 TO JUNE 5, 1954

ABESHOUSE, GEORGE ALAN, A.B., <i>Yale University, 1952</i>	Maryland
ADAMS, JOHN EDWARD, B.S., <i>University of Maryland, 1954</i>	Maryland
ADKINS, ROBERT THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
ANDERSON, DANIEL GILLIFORD, B.S., <i>Muskingum College, 1952</i>	Pennsylvania
AULT, VIRGINIA LEE, B.S., <i>University of Maryland, 1950</i>	Maryland
BAER, HENRY ALLEN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
BARCHET, STEPHEN, <i>Brown University</i>	Illinois
BELGRAD, RICHARD, B.S., <i>Loyola College, 1954</i>	Maryland
BELLOMO, FRANK ROCCO, B.S., <i>Loyola College, 1952</i>	New Jersey
BENNION, JERALD HORNE, B.S., <i>University of Utah, 1952</i>	Utah
BIALEK, STANLEY MORRIS, B.S., <i>George Washington University, 1952</i>	District of Columbia
BLUE, MORRIS LARRIE, B.S., <i>University of Maryland, 1952</i>	Maryland
BONGARDT, HENRY FRANCIS, JR., A.B., <i>Loyola College, 1952</i>	Maryland
BROWN, ERNEST OWEN, B.S., <i>Morgan State College, 1952</i>	Maryland
BURNINGHAM, RICHARD ALVIN, A.B., <i>University of Southern California, 1951</i>	California

BURWELL, JAMES ABRAHAM, A.B., <i>University of Pittsburgh, 1952</i>	Pennsylvania
BYRNE, ROBERT JAMES, B.S., <i>University of Maryland, 1954</i>	Maryland
CARSKI, THEODORE ROBERT, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
CASTELLANO, JAMES, JR., B.S., <i>University of Maryland, 1954</i>	New York
CHASE, JAMES McALLISTER, JR., B.S., <i>University of Maryland, 1954</i>	Delaware
COHEN, WILLIAM, B.S., <i>University of Maryland, 1954</i>	Maryland
COHEN, WILLIAM COLEMAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
COLLAWN, THOMAS HERBERT, B.S., <i>University of Maryland, 1954</i>	Maryland
DAVIDSON, DAVID LEE, A.B., <i>Cornell University, 1952</i>	Maryland
DORSEY, JAMES THOMAS, A.B., <i>Wesleyan University, 1952</i>	Maryland
DOWNING, JOHN DENT, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
EGLSIEDER, LUDWIG JOSEPH, <i>University of Maryland</i>	Maryland
ESTES, JAMES TILFORD, <i>University of Maryland</i>	Maryland
FARMER, RICHARD GILBERT, <i>Indiana University</i>	Indiana
FINEGOLD, RICHARD ALLEN, <i>University of Pittsburgh</i>	Pennsylvania
FOSTER, GIRAUD VERNAM, B.S., <i>Trinity College, 1952</i>	Maryland
FRANCO, JORGE ALFONSO, <i>University of Puerto Rico</i>	Puerto Rico
FRANKLIN, MARSHALL BURTON, B.S., <i>Franklin and Marshall College, 1952</i> ...	Maryland
FROHLICH, EDWARD DAVID, A.B., <i>Washington and Jefferson College, 1952</i> ...	Maryland
GRIGOLEIT, ALFRED WILLIAM, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
HAWKINS, JOSIAS HENRY, JR., A.B., <i>George Washington University, 1952</i>	Maryland
HEADLEY, ROBERT NELSON, B.S., <i>University of Maryland, 1954</i>	Maryland
HENDERSON, NEIL CARLTON, B.S., <i>University of Maryland, 1954</i>	New York
HERSPERGER, WEBB SELLMAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
HOFFMAN, LEE, B.A., <i>University of Maryland, 1952</i>	Maryland
HOOPER, VIRGIL ROY, <i>West Virginia University</i>	West Virginia
HUMMEL, RALPH TURNER, B.S., <i>University of Maryland, 1954</i>	Maryland
HURWITZ, GILBERT EARL, B.S., <i>University of Maryland, 1954</i>	Maryland
IVENS, BETTY IRENE, B.S., <i>Washington College, 1952</i>	Maryland
JACKSON, THOMAS DAVID, A.B., <i>West Virginia University, 1952</i>	Maryland
JOHNSTON, DANIEL FULPER, A.B., <i>Princeton University, 1952</i>	Maryland
KANNER, ALBERT VICTOR, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
KAPLAN, ROBERT MARTIN, A.B., <i>University of Michigan, 1952</i>	Maryland
KELLAM, SHEPPARD GORDON, B.S., <i>Loyola College, 1954</i>	Maryland
KELLY, JOHN EDWARD, JR., B.S., <i>University of Notre Dame, 1952</i>	New York
KING, CHARLES HERSCHEL, B.S., <i>University of Maryland, 1954</i>	Maryland
KLATI, KENNETH MUNSON, <i>University of Delaware</i>	Maryland
KNOWLES, PAUL WILLIAM, <i>University of Utah</i>	Utah
KOLER, ELMER CURTIS, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
KRAMER, BERNARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
KRAMER, H. COLEMAN, B.S., <i>University of Maryland, 1954</i>	Maryland
KRESS, SCHELDON, B.S., <i>University of Maryland, 1952</i>	District of Columbia
LANCASTER, LOUIS JAMES, B.S., <i>Virginia Polytechnic Institute, 1952</i>	Maryland
LANZI, JOSEPH GABRIEL, B.S., <i>Loyola College, 1954</i>	Maryland
LAUGHLIN, CARL PATRICK, <i>West Virginia University</i>	West Virginia
LEE, MATHEW HUNG MUN, <i>Johns Hopkins University</i>	Hawaii
LEMMERT, WILLIAM ARDEN, B.S., <i>University of Maryland, 1952</i>	Maryland
LITTLETON, JOHN BRECKENRIDGE, B.S., <i>University of Maryland, 1952</i>	Maryland
LLOYD, WILLIAM THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
LOVE, THOMAS ANKARCORNA, <i>University of Maryland</i>	Maryland
MAGGID, GERALD NORTON, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
MAHON, ROBERT JOSEPH, B.S., <i>University of Maryland, 1954</i>	Maryland
MANGUS, SAMUEL JAMES, <i>Washington College</i>	Maryland
MARTON, HERBERT MILES, A.B., <i>Brown University, 1952</i>	New York
McLAUGHLIN, JOSEPH SHEFFER, B.S., <i>Loyola College, 1954</i>	Maryland
MUTH, ROBERT GABRIEL, <i>Loyola College</i>	Maryland
MYERS, RICHARD IRA, B.S., <i>George Washington University, 1952</i>	Pennsylvania
NOWELL, JOHN FRANCIS, B.S., <i>University of Maryland, 1954</i>	Maryland
OSTEEN, CLARK LAMONT, B.S., <i>University of Maryland, 1954</i>	Maryland
OURSLSER, DAVID ALAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
PALMER, WILLIAM MARTIN, <i>University of Utah</i>	Maryland
PICKETT, WILBUR CRAFTS, JR., B.S., <i>Washington and Lee University, 1952</i> ...	Maryland
PLATT, MARVIN STANLEY, B.S., <i>University of Maryland, 1951</i>	Maryland

PLUMB, RICHARD LEON, B.S., <i>Randolph-Macon College, 1952</i> . . .	District of Columbia
POLLACK, IRVIN PAUL, A.B., <i>Johns Hopkins University, 1952</i> . . .	Maryland
REAHL, GEORGE EDWARD, JR., B.S., <i>Loyola College, 1954</i> . . .	Maryland
RODMAN, HAROLD IRVIN, A.B., <i>Johns Hopkins University, 1952</i> . . .	Maryland
ROSS, HARRY PAUL, B.S., <i>University of Maryland, 1954</i> . . .	Maryland
SANISLOW, CHARLES ANDREW, JR., B.S., <i>Rutgers University, 1952</i> . . .	New Jersey
SCHUSTER, GERALD DAVID, B.S., <i>University of Maryland, 1952</i> . . .	Maryland
SHANNON, MARVIN LOU, B.S., <i>University of Maryland, 1954</i> . . .	Maryland
SHAUB, ROY OTIS, <i>University of Utah</i> . . .	Utah
SINTON, WILLIAM ALLEN, JR., B.S., <i>College of William & Mary, 1952</i> . . .	Maryland
SKAGGS, JAMES WILLIAM, JR., A.B., <i>West Virginia University, 1952</i> . . .	West Virginia
SLATER, PAUL VERNON, A.B., <i>West Virginia University, 1952</i> . . .	West Virginia
SMITH, GEORGE THOMAS, B.S., <i>University of Maryland, 1954</i> . . .	West Virginia
SOWELL, GEORGE ALEXANDER, B.S., <i>The Citadel, 1952</i> . . .	Maryland
STOVIN, JAMES JOSEPH, A.B., <i>Yale University, 1952</i> . . .	New York
STUCK, ROBERT GEORGE, B.S., <i>Washington College, 1952</i> . . .	New York
STURGEON, HOWARD ELBERT, A.B., <i>University of Virginia, 1952</i> . . .	Maryland
TRAINIS, EVELYN ANNA, A.B., <i>Goucher College, 1952</i> . . .	Maryland
TRUCKER, ALBERT LEROY, JR., B.A., <i>Johns Hopkins University, 1951</i> . . .	Maryland
TRUITT, VIRGINIA HARRINGTON, B.S., <i>University of Maryland, 1952</i> . . .	Maryland
WHITEFORD, EDWIN WARFIELD, JR., B.S., <i>University of Maryland, 1952</i> . . .	Maryland
WILLIAMS, JOHN ZIGLER, B.S., <i>University of Maryland, 1954</i> . . .	Maryland
WILSON, HARRY DAVIS, JR., A.B., <i>Amherst College, 1952</i> . . .	Maryland
WRIGHT, ROBERT LEE, B.S., <i>Kent State University, 1951</i> . . .	Ohio

FRESHMAN CLASS, September 17, 1953 to June 5, 1954

ABRAHAMS, STUART JOEL, A.B., <i>Western Maryland College, 1953</i> . . .	Maryland
AFTANDILIAN, EMIL EMANUEL, <i>University of Maryland</i> . . .	Iran
ALLEN, CHARLES JAMES, A.B., <i>Johns Hopkins University, 1953</i> . . .	New Jersey
BALCO, SELINA GLORIA, B.S., <i>University of Maryland, 1953</i> . . .	Maryland
BATHON, BERNARD NEIL, B.S., <i>Loyola College, 1953</i> . . .	Maryland
BEEBY, JAMES LEONARD, B.S., <i>University of Maryland, 1953</i> . . .	Maryland
BERGER, RONALD RICHARD, <i>University of Maryland</i> . . .	Maryland
BLACKWELL, ARNOLD DEAN, B.S., <i>University of Maryland, 1953</i> . . .	Alabama
BORMEL, PAUL, B.S., <i>University of Maryland, 1953</i> . . .	Maryland
BOUZOUKIS, JAMES KOSTAS, A.B., <i>Harvard College, 1952</i> . . .	New Hampshire
BROOKS, HERBERT EDWIN, B.S., <i>Wabash College, 1951</i> . . .	Maryland
BUCY, DONALD LOUIS, B.S., <i>Georgetown University, 1953</i> . . .	Maryland
BULKELEY, JOHN THOMAS, B.S., <i>Salisbury State Teachers College, 1951</i> . . .	Maryland
BURCHELL, MARY CECILIA, A.B., <i>Columbia University, 1951</i> . . .	Massachusetts
BUTT, HARVEY RUDOLPH, JR., <i>University of Maryland</i> . . .	Maryland
CALCIANO, ANTHONY JAMES, <i>University of Vermont</i> . . .	Connecticut
CAMERON, RONALD ROSS, A.B., <i>Johns Hopkins University, 1953</i> . . .	Maryland
CARLIN, ROBERT ANTHONY, <i>University of Maryland</i> . . .	New Jersey
CHUN, GAYNE, A.B., <i>Boston University, 1951; M.S., University of Wisconsin, 1953</i> . . .	Hawaii
COHEN, MARVIN, <i>University of Maryland</i> . . .	Maryland
CONWAY, JOHN VINCENT, B.S., <i>University of Delaware, 1952</i> . . .	Delaware
DEAN, JOSEPH OLIVER, JR., <i>University of Maryland</i> . . .	Maryland
ENGNOTH, MILTON LORING, <i>University of Maryland</i> . . .	Maryland
ERICSSON, ARTHUR DALE, B.S., <i>University of Miami, 1953</i> . . .	Florida
FELDSTEIN, MARVIN ALLEN, <i>Loyola College</i> . . .	Maryland
FIOTTO, VINCENT JAMES, <i>Columbia University</i> . . .	New York
FITCH, HARRY JOHN, B.S., <i>University of Maryland, 1951</i> . . .	Maryland
GALLO, SEBASTIAN JOHN, A.B., <i>Johns Hopkins University, 1953</i> . . .	Connecticut
GARCIA, NICOLAS ANTONIO, III, A.B., <i>Johns Hopkins University, 1953</i> . . .	Puerto Rico
GAUTHIER, DONALD WILLIAM, A.B., <i>St. Anselm's College, 1953</i> . . .	New Hampshire
GERBER, ALLEN SIDNEY, <i>University of Maryland</i> . . .	Maryland
GHAZI, BOZORG TAGHI, <i>University of Maryland</i> . . .	Iran
GILBERT, VERNE EPHRAIM, A.B., <i>University of California, 1953</i> . . .	California
GILMORE, LORETTA ANN KURZ, B.S., <i>University of Maryland, 1950</i> . . .	Maryland
GRANT, HARRY CLIFFORD, JR., B.S., <i>Loyola College, 1946</i> . . .	Maryland
HAMBLIN, ELDON BENORR, B.S., <i>University of Utah, 1953</i> . . .	Arizona

HAMMANN, JOHN HENRY, JR., B.S., <i>Loyola College, 1953</i>	Maryland
HAMMOND, ANTHONY FRANCIS, JR., B.S., <i>Seton Hall University, 1953</i>	New Jersey
HANASHIRO, PAUL KATSUTO, A.B., <i>Indiana University, 1953</i>	Hawaii
HENDERSON, CHARLES MORGAN, <i>University of Maryland</i>	Maryland
HETTLEMAN, HAROLD JACK, B.S., <i>Loyola College, 1953</i>	Maryland
HICKMAN, ROBERT OTHELLO, A.B., <i>University of Utah, 1951</i>	Utah
HO, RICHARD KOON BOW, A.B., <i>University of Hawaii, 1951; M.S., University of Hawaii, 1953</i>	Hawaii
HOLDEFER, WILFRED FERBER, JR., B.S., <i>Loyola College, 1952</i>	Maryland
HUGHES, WILLIAM FRANCIS XAVIER, A.B., <i>Georgetown University</i>	Maryland
JELENKO, CARL, III, B.S., <i>Loyola College, 1953</i>	Maryland
JONES, NORMAN PAUL, <i>Georgetown University</i>	Maryland
KAHAN, EDWIN LOUIS, B.S., <i>University of Maryland, 1953</i>	Maryland
KENNEDY, WILLIAM FRANK, JR., B.S., <i>Bates College, 1952</i>	Maine
KOGAN, LEONARD LOUIS, <i>Dartmouth College</i>	Maryland
KRONTHAL, HERBERT LEE, <i>University of Maryland</i>	Maryland
LANSINGER, DONALD TYSON, <i>Loyola College</i>	Maryland
LARGEY, DAVID POOLE, A.B., <i>Washington and Lee University, 1950</i>	Pennsylvania
LASTER, JAMES PRESTON, B.S., <i>Loyola College, 1948</i>	Maryland
LAUGHLIN, JOSEPH CHORPENING, <i>West Virginia University</i>	West Virginia
LENTZ, GEORGE ALVIN, JR., A.B., <i>Johns Hopkins University, 1953</i>	Maryland
LENER, SIDNEY ISAAC, B.S., <i>University of Maryland, 1953</i>	Maryland
LEVIN, RICHARD LEONARD, B.S., <i>University of Maryland, 1953</i>	Maryland
LYNCH, PETER PAUL, <i>Mount St. Mary's College</i>	Massachusetts
MAECK, FRANCIS JOHN, JR., B.S., <i>Loyola College, 1953</i>	Maryland
MEHLHOP, FRED HENRY, A.B., <i>Johns Hopkins University, 1953</i>	New York
MOOMAU, FREDERICK, A.B., <i>West Virginia University, 1953</i>	West Virginia
MULLAN, PAUL ALOYSIUS, B.S., <i>Seton Hall University, 1952</i>	New Jersey
NASDOR, HERBERT HARVEY, <i>Loyola College</i>	Maryland
NEALE, LEONARD ERNEST, III, B.S., <i>University of Maryland, 1953</i>	Maryland
NIZNIK, THEODORE THADDEUS, JR., B.S., <i>Loyola College, 1953</i>	Maryland
OLIVERAS-ARMSTRONG, FRANCISCO ENRIQUE, <i>University of Puerto Rico</i>	Puerto Rico
OPPEGARD, CHARLES ROGER, <i>University of Maryland</i>	Maryland
PARKER, CHARLES EDWIN, A.B., <i>University of Utah</i>	Utah
PLUGGE, FREDERICK WILLIAM, IV, A.B., <i>University of Pennsylvania, 1953</i>	
District of Columbia	
POLAND, WARREN SAUL, <i>University of Maryland</i>	Maryland
QUINONES-SEGARRA, JOSE GEORGINO, B.S., <i>University of Puerto Rico, 1953</i>	Puerto Rico
RAIRIGH, DONALD WILSON, <i>Johns Hopkins University</i>	Maryland
RALEIGH, JOHN JOSEPH, B.S., <i>Roanoke College, 1952</i>	New York
RANDALL, LOUIS LEROY, B.S., <i>Morgan State College, 1953</i>	Maryland
RAPPOPORT, WILLIAM JOSEPH, A.B., <i>Johns Hopkins University, 1953</i>	Maryland
REBA, RICHARD CHARNEY, <i>Loyola College</i>	Maryland
RESTIVO, MARION CHARLES, A.B., <i>Loyola College, 1953</i>	Maryland
REVER, GEORGE WRIGHT, B.S., <i>University of Maryland, 1950</i>	Maryland
ROBINSON, LYNN BENNION, B.S., <i>University of Utah, 1953</i>	Utah
ROLLINS, CLARENCE HENRY, B.S., <i>Washington College, 1953</i>	Maryland
ROSS, PHILIP HAROLD, JR., B.S., <i>Washington College</i>	Maryland
SCHMUKLER, MORTON, A.B., <i>Johns Hopkins University, 1953</i>	Maryland
SCHOCKET, LEE IRWIN, <i>University of Maryland</i>	Maryland
SCHWARTZ, FRANKLIN DAVID, <i>University of Maryland</i>	Maryland
SHAPIRO, MORTON WALTER, <i>University of Maryland</i>	Maryland
SHAW, GEORGE PATRICK, B.S., <i>Alma College, 1953</i>	Michigan
SHAW, WALTER MORGAN, A.B., <i>Lafayette College, 1951</i>	Ohio
SHEAR, LEROY, A.B., <i>Johns Hopkins University 1953</i>	Maryland
SIEGEL, HOWARD SHELDON, A.B., <i>Western Reserve University, 1953</i>	Ohio
SIMMONS, WILLIAM ARTHUR, A.B., <i>West Virginia University, 1953</i>	West Virginia
SPENCE, KENNETH FRANKLIN, JR., B.S., <i>Washington and Lee University, 1953</i>	Maryland
SPENCER, MAITLAND G., B.S., <i>Brigham Young University, 1953</i>	Utah
SPENCER, MAX JAY, B.S., <i>University of Utah, 1952</i>	Utah
STANG, MARY LOUISE, B.S., <i>University of Maryland, 1953</i>	Maryland
STOUT, LANDON CLARKE, JR., <i>University of Maryland</i>	Maryland
STRINGHAM, JAMES GRANT, B.S., <i>University of Utah, 1952</i>	Utah

TODD, NEVINS WOODCOCK, JR.,	<i>Syracuse University</i>	Maryland
TRUPP, MICHAEL SARON, A.B.,	<i>Western Maryland College, 1953</i>	Maryland
WHITSITT, CHARLES EMORY, A.B.,	<i>Washington College, 1953</i>	Maryland
WILNER, HARVEY IRA,	<i>New York University; University of Vermont</i>	New York
WILSON, RAY AUSTIN, A.B.,	<i>Johns Hopkins University, 1953</i>	Pennsylvania
YOUNG, VIRGINIA ELIZABETH, A.B.,	<i>Vassar College, 1953</i>	Maryland
ZULLO, LEONARD MICHAEL,	<i>University of Maryland</i>	Maryland

INTRAMURAL POSTGRADUATE STUDENTS

July 1, 1953 to June 30, 1954

BASIC SCIENCES AS THEY APPLY TO THE PRACTICE OF MEDICINE

ADAMS, GEORGE, M.D.	Baltimore, Md.	<i>Howard University</i>
ALMOGELA, M. M., M.D.	San Manuel, Philippines	<i>Manila Central University</i>
ALONSO-LEJ, FERNANDO, M.D.	Saragoza, Spain	<i>Univ. of Saragoza, Spain</i>
APELLANES, ALEJANDRO, M.D.	Tayug, Philippines	<i>Manila Central University</i>
BAERMANN, WILHELM, M.D.	Frammersbach, Germany	<i>Univ. of Berlin</i>
BAYER, IRA E., M.D.	Baltimore, Md.	<i>University of Maryland</i>
BAZIN, FRANCIS J., M.D.	Paris, France	<i>Faculte de Neducune de Paris</i>
BECK, RICHARD R., M.D.	Newfield, N. J.	<i>Temple University</i>
BERRIOS-JIMINEZ, OSAVALDO, M.D.	Puerto Rico	<i>University of Maryland</i>
BORDEN, MELVIN, M.D.	Baltimore, Md.	<i>University of Maryland</i>
BROWN, LEIGH B., M.D.	Alberta, Canada	<i>University of Alberta, Canada</i>
CABACUNGAN, CRISOLOGO, M.D.	Manila, Philippines	<i>Univ. of the Philippines</i>
CHANG, MARY, M.D.	Tainan, Formosa	<i>Med. College of Cheeloo, China</i>
CHANG, FENG-HSIAO, M.D.	Tainan, Formosa	<i>Northwestern Med. School of China</i>
COKER, ODOM N., M.D.	Orangeburg, S. C.	<i>Meharry Medical College</i>
CORREA, MILAGROS, M.D.	Quezon, Philippines	<i>Univ. of Santo Tomas, Philippines</i>
COWLEY, R. ADAMS, M.D.	Baltimore, Maryland	<i>University of Maryland</i>
CRESENCIA, GUILLERMO, M.D.	Philippine Islands	<i>Manila Central University</i>
CRUZ, TEOFILO, M.D.	Santa Maria, Philippines	<i>Manila Central University</i>
DANE, LEAR W., M.D.	New Orleans, La.	<i>Tulane Medical School</i>
DAVENPORT, OLIVER W., M.D.	Clinton, Arkansas	<i>University of Arkansas</i>
DAWSON, DAVID F., M.D.	Newport, Arkansas	<i>University of Arkansas</i>
DECKO, ERNEST I., M.D.	Celte, Yugoslavia	<i>Johann Wolfgang Goethe Univ.</i>
ESPINOSA, FABIAN C., M.D.	Buenos Aires, Argentina	<i>Universidad Central Quito-Ecuador</i>
FERNANDEZ, CLAUDIO, M.D.	Monterrey, Mexico	<i>Universidad de Nuevo Leon</i>
GARCIA, IGNACIO T., M.D.	Mabalacat, Philippines	<i>Manila Central University</i>
GARCIA, OSCAR P., M.D.	Havana, Cuba	<i>University of Havana, Cuba</i>
GILKES, EVAN, M.D.	Baltimore, Md.	<i>Howard University</i>
GOCO, ROMULO V., M.D.	Manila, Philippines	<i>University of the Philippines</i>
GRANT, JAMES P., M.D.	Baltimore, Md.	<i>Meharry Medical College</i>
GUYTHER, J. ROY, M.D.	Mechanicsville, Md.	<i>University of Maryland</i>
KUDIRKA, JUSTIN, M.D.	Baltimore, Md.	<i>Vytautas DeBreat, Kaunas, Lithuania</i>
LAZARO, BENIGNO DEL R., M.D.	Rizal, Philippines	<i>Manila Central University</i>
LEGASPI, ANSELMO B., M.D.	Makato, Philippines	<i>Manila Central University</i>

LENKER, LUTHER A., M.D.	Harrisburg, Pa.	<i>University of Maryland</i>
LEVY, KURT, M.D.	Baltimore, Md.	<i>University of Cologne, Germany</i>
LEYNO, JORGE R., M.D.	San Antonio, Philippines	<i>Manila Central University</i>
LOPEZ, LORENZO B., M.D.	Philippine Islands	<i>Manila Central University</i>
MASS, CHRISTIAN S., M.D.	Clifton, N. J.	<i>Philippis-University, Germany</i>
MEYERS, USHER, M.D.	Erie, Pa.	<i>University of Pa.</i>
NOURI, JAHNGEER, M.D.	Tehran, Iran	<i>Tehran University</i>
OBSEQUIO, BENJAMIN, M.D.	Sanchez, Philippines	<i>University of the Philippines</i>
OCHOTA, LESZEK, M.D.	Free City of Danzig	<i>Univ. of Zurich, Switzerland</i>
O'DONNELL, CHARLES F., M.D.	Towson, Maryland	<i>University of Maryland</i>
PALARCA, VICTORIA L., M.D.	Manila, Philippines	<i>Univ. of Santo Tomas, Philippines</i>
PARAISO, ANTONIO Q., M.D.	Rizal, Philippines	<i>Univ. of the Philippines</i>
SANTAMARIA, CLARA, M.D.	Coveleta Cavite, Philippines	<i>Univ. of the Philippines</i>
SANTIAGO, NATHANIEL C., M.D.	Manila, Philippines	<i>Univ. of Santo Tomas</i>
SCALIA, SAMUEL P., M.D.	Pikesville, Md.	<i>Hahnemann Med. College</i>
SCHAERF, HERMAN, M.D.	Basle, Switzerland	<i>Med. Faculty of Univ. of Basle</i>
SCHIMERT, GEORGE, M.D.	Baltimore, Md.	<i>Univ. of Budapest</i>
SEBASTIAN, RUBEN, M.D.	Hadonoy, Philippines	<i>Univ. of Santo Tomas, Philippines</i>
TIRABUTANA, CHALARD, M.D.	Ubol, Thailand	<i>Med. Science Univ. of Thailand</i>
TOLENTINO, ERNESTO, M.D.	Cebu City, Philippines	<i>Univ. of the Philippines</i>
VALSAMIDIS, PELOPIDA, M.D.	Long Island, N. Y.	<i>University of Istanbul</i>
VELEZ, BALTAZAR B., M.D.	Havana, Cuba	<i>Havana Medical School</i>
VINCENTE, ALEJANDRO, M.D.	Manila, Philippines	<i>Univ. of Santo Tomas</i>
WEAVER, MAYBELLE, M.D.	Baltimore, Md.	<i>Meharry Medical College</i>
WELLS, GEORGE E., JR., M.D.	Baltimore, Md.	<i>Johns Hopkins Med. School</i>
WINNACOTT, CHARLES H., M.D.	Ridgely, Maryland	<i>Long Island College of Medicine</i>
WOODLAND, CHARLES T., M.D.	Baltimore, Maryland	<i>Howard University</i>
YEH, SAMUEL, M.D.	Taipei, Formosa	<i>National Defense Med. Center, Shanghai</i>

SURGICAL ANATOMY

ANGELO, JOHN J., M.D.	Baltimore, Md.	<i>Univ. of Pa.</i>
BAIR, ROBERT C., M.D.	New Hope, Pa.	<i>Jefferson Med. College</i>
BARANOWSKI, J. A., M.D.	Baltimore, Md.	<i>Georgetown Univ. Med. School</i>
BRUMBACH, HARRY, JR., M.D.	Baltimore, Md.	<i>N.Y.U. College of Medicine</i>
CABACUNGAN, CRISALOGO, M.D.	Narvacan, Philippines	<i>University of the Philippines</i>
COKER, ODOM N., M.D.	Orangeburg, S. C.	<i>Meharry Med. College</i>
GOMEZ, JAIME V., M.D.	Ilog, Philippines	<i>Univ. of the Philippines</i>
HAYNES, JOHN D., M.D.	Ontario, Canada	<i>Queen's University</i>
LASHER, JAY D., M.D.	Erie, Pa.	<i>Geo. Washington Univ. Med. School</i>
MITCHELL, JOHN A., M.D.	Baltimore, Md.	<i>University of Maryland</i>
MOONEY, FELIX P., M.D.	Baltimore, Md.	<i>Univ. of Illinois Med. School</i>
MARCUS, MOORE, M.D.	Baltimore, Md.	<i>Howard University</i>
NOURI, JAHNGEER, M.D.	Tehran, Iran	<i>Tehran University</i>
PREZIOSO, FAUSTO, M.D.	Rome, Italy	<i>University of Rome</i>

SCHIMERT, GEORGE, M.D.	Stuttgart, Germany	<i>University of Budapest</i>
SCHNAUFFER, LOUISE, M.D.	Ruxton, Md.	<i>Women's Med. College of Pa.</i>
SEATON, RONALD S., M.D.	Baltimore, Md.	<i>Johns Hopkins Med. School</i>
SENN, LOREN E., M.D.	Columbus 2, Ohio	<i>Ohio State Univ.</i>
SHARP, NATHANIEL, M.D.	Baltimore, Md.	<i>Univ. of Md.</i>
TOLENTINO, ERNESTO, M.D.	Cebu City, Philippines	<i>Univ. of the Philippines</i>

EXPERIMENTAL SURGERY

From Baltimore City Hospitals

JOHN H. COLES, M.D.	Nashville, Tenn.	<i>Vanderbilt Univ. Med. School</i>
HENRIQUE B. DEMORAES, M.D.	Rio de Janeiro, Brazil	<i>Escola de Medicina y Cirurgia</i>
SCHIMERT, GEORGE, M.D.	Stuttgart, Germany	<i>Univ. of Budapest</i>

From Mercy Hospital

IRA B. ANDERSON, M.D.	Lake, Mississippi	<i>Tulane Univ.</i>
FAUSTO M. PREZIOSO, M.D.	Rome, Italy	<i>University of Rome</i>

From University Hospital

NESTOR FLOR DE VENECIA, M.D.	The Philippines	<i>Univ. of the Philippines</i>
ALBERT R. GUITERREZ	Tampa, Florida	<i>University of Madrid</i>
CHARLES E. SIMONS, JR.	Missoula, Montana	<i>University of Washington, Seattle</i>

SUMMARY OF STUDENTS

September 17, 1953 to June 5, 1954

<i>Medical Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Senior Class.....	91	6	97
Junior Class.....	97	4	101
Sophomore Class.....	98	4	102
Freshman Class.....	99	5	104
Medical Students.....	385	19	404
Intramural Post-Graduate Students.....	187	8	195
	572	27	599

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 17, 1953 to June 5, 1954

Alabama.....	1	New York.....	13
Arizona.....	1	North Carolina.....	2
California.....	3	North Dakota.....	5
Connecticut.....	6	Ohio.....	8
Delaware.....	4	Pennsylvania.....	14
District of Columbia.....	5	Rhode Island.....	1
Florida.....	4	South Carolina.....	1
Illinois.....	3	Utah.....	13
Indiana.....	2	Washington.....	2
Maine.....	2	West Virginia.....	16
Maryland.....	265		
Massachusetts.....	5	UNITED STATES POSSESSIONS	
Michigan.....	1	Hawaii.....	4
Missouri.....	1	Puerto Rico.....	7
Nevada.....	1		
New Hampshire.....	2	FOREIGN	
New Jersey.....	10	Iran.....	2

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(Term beginning July 1, 1954 and ending June 30, 1955)

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 SIMON BRAGER, M.D.
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 DEXTER L. REIMANN, M.D.
 EDWIN S. MULLER, M.D.

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MILTON S. SACKS, M.D.

Representatives to General Alumni Board

WILLIAM H. TRIPLETT, M.D.
 THURSTON R. ADAMS, M.D.
 JOHN A. WAGNER, M.D.

Representatives, Editorial Board, Bulletin

HARRY C. HULL, M.D.
 ALBERT E. GOLDSTEIN, M.D.
 FRANK J. GERAGHTY, M.D. (ex-officio)

Representatives, Advisory Board of the Faculty

WILLIAM H. TRIPLETT, M.D.
 ALBERT E. GOLDSTEIN, M.D.
 EDWIN H. STEWART, JR., M.D.

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(Here state amount or describe property)

TO SCHOOL OF MEDICINE

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine.....

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School of Nursing offers two programs of study: 1. A Basic Professional Program consisting of four calendar years leading to the degree of Bachelor of Science in Nursing, and 2. A Basic Program consisting of three calendar years leading to the Diploma in Nursing.

The Basic Professional Program extends over a period of four years. Students in this program complete two academic years of study on the College Park campus and the remaining two years on the Baltimore campus. Graduates of this curriculum are prepared for first-level positions in hospital nursing and as beginner-practitioners under supervision in public health nursing.

Graduates who have completed a minimum of two years of college work in other approved colleges may be admitted to this program.

The Basic Program extends over a three year period. This prepares the graduate for general nursing practice in hospitals or homes.

Graduates of either program are eligible to take the Maryland State Board Examinations for nurses.

The School of Nursing makes every effort to conform to the catalogue announcements, never-the-less the School reserves the right to adapt these programs to current needs.

For information regarding admissions, address inquiries to the Dean of the School of Nursing, University of Maryland, Baltimore 1, Maryland.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established 1899 and incorporated on December 23, 1901. It is an integral part of Mercy Hospital and is under the same government. It is accredited by the Maryland State Board of Examiners of Nurses and the National Nursing Accrediting Service.

Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 356 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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September, 1955

BULLETIN OF THE
SCHOOL OF
MEDICINE

UNIVERSITY OF MARYLAND



CATALOGUE
&
ANNOUNCEMENTS

VOLUME 40

NO. 4

22 W. LOMBARD STREET, BALTIMORE 1, MD.

NOTE

This catalogue was closed for the press on May 31, 1955. The announcements and lists of names have been made as accurate as possible, but the right is reserved to make changes whenever it is expedient. Accordingly, the information provided may not be accurate, in every instance, for the period involved.

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- | | |
|---|-----------------------------------|
| 1. Original Medical Building | 7. University Hospital |
| 2. Laboratory Building, Medicine | 8. Nurses' Home, Medicine |
| 3. Bressler Building, Medicine | 9. School of Pharmacy |
| 4. Gray Laboratory, Student's Lounge, Medicine | 10. School of Dentistry |
| 5. Administration Building, College of Education,
Baltimore Division | 11. Dental Clinic |
| 6. Medical Library | 12. Out-Patient Clinics, Medicine |
| | 13. School of Law |

BULLETIN OF THE
SCHOOL *of* MEDICINE

UNIVERSITY OF MARYLAND

SEPTEMBER, 1955



Announcements for

The One Hundred Fiftieth Academic Session
1955-1956

Catalogue of
The One Hundred Forty-Ninth Academic Session
1954-1955



University Hospital Showing the Psychiatric Institute in the Foreground



THE FRANK C. BRESSLER RESEARCH LABORATORY

1955							1956														1957							
JULY							JANUARY							JULY							JANUARY							
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17	18	19	20	21	22	23	22	23	24	25	26	27	28	22	23	24	25	26	27	28	20	21	22	23	24	25	26	
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31																												
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DECEMBER							JUNE							DECEMBER							JUNE							
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														30	31						30							

CALENDAR

ACADEMIC YEAR—SEPTEMBER 22, 1955 TO JUNE 9, 1956

1955

September 13, 14, 15 Re-examinations for advancement

FIRST SEMESTER—September 22, 1955 to January 28, 1956

September 20	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 21	Wednesday	*Registration, payment of fees, all other students
September 22	Thursday	Instruction begins at 8:00 a.m.
November 22	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November 28	Monday	Instruction resumed
December 21	Wednesday	Instruction suspended at 5:00 p.m. Christmas Holiday

1956

January	3	Tuesday	Instruction resumed
January	23	Monday	Midyear examinations begin. (Junior and Senior classes continue throughout this week)
			*Payment of fees for second semester
January	28	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 30 to June 9, 1956

January	30	Monday	Instruction begins
February	22	Wednesday	Holiday—Washington's Birthday
February	23	Thursday	Instruction resumed
March	29	Thursday	Instruction suspended at 5:00 p.m. Easter Holiday
April	3	Tuesday	Instruction resumed
April	19	Thursday	Juniors and Seniors excused to attend annual meetings of the Medical & Chirurgical Faculty
April	20	Friday	
May	26	Saturday	Junior and Senior classes cease at 12:00 M.
May	28	Monday	Freshman, Sophomore and Junior examinations begin
May	30	Wednesday	Holiday—Memorial Day
June	4	Monday	Announcement of graduates
June	9	Saturday	Commencement
			Second semester completed at 12:30 p.m.

PARTIAL CALENDAR FOR 1956-57

1956

September 11, 12, 13		Re-examinations for advancement
September 18	Tuesday	*Registration, payment of fees, freshmen & sophomores
September 19	Wednesday	*Registration, payment of fees, all other students
September 20	Thursday	Instruction begins

* All students are expected to complete their registration, including the payment of bills prior to or on regular registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.

ORGANIZATION

THE UNIVERSITY OF MARYLAND

WILSON H. ELKINS, PH.D., *President and Executive Officer*

BOARD OF REGENTS

	<i>Term Expires</i>
WILLIAM P. COLE, JR., <i>Chairman</i> Baltimore.....	1958
B. HERBERT BROWN.....Baltimore.....	1960
EDMUND S. BURKE.....Cumberland.....	1959
EDWARD F. HOLTER.....Middletown.....	1959
LOUIS L. KAPLAN.....Baltimore.....	1961
ARTHUR O. LOVEJOY.....Baltimore.....	1960
CHARLES P. MCCORMICK.....Baltimore.....	1957
HARRY H. NUTTLE.....Denton.....	1957
THOMAS B. SYMONS.....College Park.....	1963
C. EWING TUTTLE.....Baltimore.....	1962
MRS. JOHN L. WHITEHURST.....Baltimore.....	1956

Members of the Board are appointed by the Governor of the State for terms of nine years each, beginning the first Monday in June.

The President of the University of Maryland is, by law, Executive Officer of the Board.

A regular meeting of the Board is held the third Friday in each month, except during the months of July and August.

Each school has its own Advisory Board, Council, or Committee composed of the Dean and members of its faculty, which controls the internal affairs of the group it represents.

The University has the following educational organizations:

At Baltimore

The School of Dentistry
The School of Law
The School of Medicine
The School of Nursing
The School of Pharmacy
The College of Special and Continuation Studies
(Baltimore Division)

At College Park

The College of Agriculture
The College of Arts and Sciences

The College of Business and Public
Administration

The College of Education
The Glenn L. Martin College of
Engineering and Aeronautical
Sciences

The College of Home Economics
The Graduate School
The College of Military Science
The College of Physical Education,
Recreation and Health

The College of Special and Con-
tinuation Studies
The Summer School

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SCHOOL OF MEDICINE

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Edgar F. Long, Ph.D.	<i>Dean of Students</i>
Norma J. Azlein, A.B.	<i>Associate Registrar</i>
G. Watson Algire, M.S.	<i>Director of Admissions and Registrations</i>

SCHOOL *of* MEDICINE

FACULTY OF MEDICINE

EMERITI

H. BOYD WYLIE, M.D.....	Professor of Biochemistry and Dean, Emeritus
HENRY J. WALTON, M.D.....	Professor of Roentgenology, Emeritus
PAGE EDMUNDS, M.D.....	Professor of Traumatic Surgery, Emeritus
RUTH LEE BRISCOE.....	Librarian, Emeritus ⁵
IRVING J. SPEAR, M.D.....	Professor of Neurology, Emeritus
CARL L. DAVIS, M.D.....	Professor of Anatomy, Emeritus
ARTHUR M. SHIPLEY, M.D., D.Sc.....	Professor of Surgery, Emeritus
CLYDE A. CLAPP, M.D.....	Professor of Ophthalmology, Emeritus ^{5a}
ANDREW C. GILLIS, M.A., M.D., D.Sc., LL.D.....	Professor of Neurology, Emeritus
EDGAR B. FRIEDENWALD, M.D.....	Professor of Clinical Pediatrics, Emeritus
CHARLES BAGLEY, JR., M.A., M.D.....	Professor of Neurological Surgery, Emeritus
WAITMAN F. ZINN, M.D.....	Professor of Otolaryngology, Emeritus
F. L. JENNINGS, M.D.....	Professor of Clinical Surgery, Emeritus
THOMAS R. CHAMBERS, A.B., M.D.....	Associate Professor of Surgery, Emeritus
CHARLES W. MAXSON, M.D.....	Associate Professor of Surgery, Emeritus
FRANK W. HACHTEL, M.D.....	Professor of Bacteriology, Emeritus

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JOHN DECARLO, JR.	J. MASON HUNDLEY, JR.	MAURICE C. PINCOFFS
JOHN M. DENNIS		

⁵ Died Feb. 22, 1955.

^{5a} Died April 9, 1955.

J. MORRIS REESE	FREDERICK B. SMITH	RAYMOND E. VANDERLINDE
CHARLES A. REIFSCHNEIDER	HUGH R. SPENCER	ALLEN F. VOSHELL
DEXTER L. REIMANN	EDWARD STEERS	JOHN A. WAGNER
HARRY M. ROBINSON, JR.	EDWIN H. STEWART, JR.	C. GARDNER WARNER
MILTON S. SACKS	MATTHEW L. TABACK	JOHN I. WHITE
EMIL G. SCHMIDT	W. HOUSTON TOULSON	WALTER D. WISE
ANDREW G. SMITH	WILLIAM H. TRIPLETT	CHARLES L. WISSEMAN, JR.
DIETRICH C. SMITH	HENRY F. ULLRICH	THEODORE E. WOODWARD
	CHARLES VAN BUSKIRK	GEORGE H. YEAGER

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J. EDMUND BRADLEY	J. MASON HUNDLEY	WILLIAM S. STONE, Dean,
JOHN M. DENNIS	JOHN C. KRANTZ, JR.	<i>Chairman</i>
ROBERT B. DODD	MAURICE C. PINCOFFS	CHARLES L. WISSEMAN, JR.
C. REID EDWARDS	EMIL G. SCHMIDT	THEODORE E. WOODWARD

FACULTY OF MEDICINE

PROFESSORS

MYRON SAMSON AISENBERG, Professor of General and Oral Pathology.

D.D.S., University of Maryland, 1922.

WILLIAM RUTHRAUFF AMBERSON, Professor of Physiology and Head of the Department.

Ph.B., Lafayette College, 1915; Ph.D., Princeton University, 1922.

JAMES GIVENS ARNOLD, JR., Professor of Neurological Surgery and Head of the Division.

B.A., University of North Carolina, 1925; M.D., Johns Hopkins University, 1929.

JOSEPH CALTON BIDDIX, Professor of Oral Diagnosis.

D.D.S., University of Maryland, 1934.

J. EDMUND BRADLEY, Professor of Pediatrics and Head of the Department.

B.S., Loyola College, 1928; M.D., Georgetown University, 1932.

OTTO CHARLES BRANTIGAN, Professor of Thoracic Surgery, Clinical Surgery, and Surgical Anatomy.

B.S., Northwestern University, 1931; M.D., Northwestern University, 1934.

T. NELSON CAREY, Professor of Clinical Medicine.

M.D., University of Maryland, 1927.

It is to be noted that for convenience of reference the names of the members of the Faculty are listed in the forepart of this catalogue in alphabetical order. The names are listed in order of seniority under each preclinical and clinical department of the school on subsequent pages.

On the lists of the Faculty of Medicine and Fellows and the Hospital and Dispensary staffs are given the names and positions assigned during the period July 1, 1955 to June 30, 1956 unless otherwise indicated. Changes are noted as follows:

¹ Appointments effective July 1, 1955.

² Promotions effective July 1, 1955.

³ Resignations effective July 1, 1955.

⁴ Retirements.

⁵ Deaths.

⁶ Leave of absence.

*Part time.

- CHARLES JELLEFF CARR, Professor of Pharmacology.³
B.S., University of Maryland, 1933; M.S., 1934; Ph.D., 1937.
- RICHARD GILMORE COBLENTZ, Clinical Professor of Neurological Surgery.
A.B., Johns Hopkins University, 1914; M.D., 1918.
- CHARLES N. DAVIDSON, Professor of Clinical Radiology.
M.D., University of Virginia, 1938.
- JOHN MURRAY DENNIS, Professor of Radiology and Head of the Department, and Assistant Chief, Division of Radioactive Isotopes.
B.S., University of Maryland, 1943; M.D., 1945.
- EDWARD CLARENCE DOBBS, Professor of Pharmacology.
D.D.S., University of Maryland, 1929; B.S., 1952.
- ROBERT BRUCE DODD, Professor of Anesthesiology and Head of the Department.
M.D., University of Nebraska, 1945.
- BRICE MARDEN DORSEY, Professor of Oral Surgery.
D.D.S., Baltimore College of Dental Surgery, University of Maryland, 1927.
- LOUIS HARRIMAN DOUGLASS, Professor of Obstetrics and Head of the Department.³
M.D., University of Maryland, 1911.
- CHARLES REID EDWARDS, Professor of Surgery and Acting Head of the Department.³
M.D., University of Maryland, 1913.
- MONTE EDWARDS, Professor of Proctology and Clinical Professor of Surgery.
M.R.C.S. (England), L.R.C.P. (London), St. Thomas's Hospital Medical School, 1917.
- FRANK HENRY JOHN FIGGE, Professor of Anatomy and Head of the Department.²
A.B., Colorado College, 1927; Ph.D., University of Maryland, 1934.
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GARNETT E. AFFLECK, JR., Assistant in Art as Applied to Medicine.

ANDERS W. ANDERSON, Assistant in Medicine.

D.D.S., University of Maryland, 1921; M.D., 1929.

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B.S., Mercer University, 1948; M.D., University of Maryland, 1951.

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B.S., Johns Hopkins University, 1935; M.D., University of Maryland, 1949.

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B.A., Johns Hopkins University, 1916; Ph.D., 1920.

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B.S., B.M., M.D., Northwestern University, 1949.

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A.B., Western Maryland College, 1936; M.D., University of Maryland, 1940.

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B.A., Washington University, 1945; M.D., Washington University, 1950.

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B.A., Loyola College, 1916; M.D., University of Maryland, 1922.

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M.D., University of Maryland, 1930.

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B.S., Davidson College, 1942; M.D., University of Virginia, 1947.

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B.S., Goucher College, 1946; M.D., University of Maryland, 1950.

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B.S., Franklin & Marshall College, 1943; M.D., University of Maryland, 1946.

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B.S., Johns Hopkins University, 1939; M.D., University of Maryland, 1943.

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B.S., Philadelphia College of Pharmacy & Science, 1942; M.D., Jefferson Medical College, 1950.

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A.B.; M.D., University of Maryland, 1951.

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M.D., Baltimore Medical College, 1912.

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B.S., University of Maryland, 1943; M.D., 1947.

CALVIN Y. HADIDIAN, Assistant in Thoracic Surgery.

B.A., American University of Beirut, 1943; M.D., 1947.

LEONARD GERARD HAMBERRY, Assistant in Surgery.

A.B., Loyola College, 1940; M.D., University of Maryland, 1950.

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B.A., St. Charles College, 1941; M.D., Catholic University, 1953.

DONALD B. HEBB, Assistant in Surgery and Thoracic Surgery.

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JOHN V. HOPKINS, Assistant in Orthopaedic Surgery.

B.A., Oxford University, 1923; M.A., M.D., Johns Hopkins University, 1926.

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NATHAN B. HYMAN, Assistant in Radiology.

M.D., University of Maryland, 1946.

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FRANK THOMAS KASIK, JR., Assistant in Medicine.

B.S., University of Maryland, 1940; M.D., 1950.

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A.B., Johns Hopkins University, 1936; M.D., 1940.

IRVIN PHILIP KLEMKOWSKI, Assistant in Obstetrics.

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HENRY A. LANGENFELDER, Assistant in Surgery.

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B.S., Pennsylvania State University, 1925; M.D., Temple University, 1929.
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- NORMAN LEVIN, Assistant in Obstetrics and Gynecology.
M.D., University of Maryland, 1947.
- JOHN W. LOOPER, Assistant in Pediatrics.
M.D., Medical College of Georgia, 1952.
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M.D., University of Maryland, 1940.
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- GEORGE ALEXANDER MAXWELL, Assistant in Gynecology and Obstetrics.
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M.D., University of Maryland, 1952.
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M.D., University of Washington, 1951.
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- Harvey A. Robinson, Ph.D., Research Associate in Psychiatry.
- Melly Simon, Research Associate in Psychiatry.

FELLOWS

- John M. Allen, B.S., M.D., Fellow in Surgery.
- Tanash H. Atoynatan, M.D., Fellow in Psychiatry.
- Nicholas Bachur, Tobacco Industry Research Fellow.
- Charles Bagley III, B.S., M.D., Fellow in Psychiatry.
- Brigitte E. Blankenhorn, B.A., Research Fellow in Physiology.

William C. Cohen, Summer Fellow in Microbiology.
 Henrique B. deMoraes, Fellow in Plastic Surgery.
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 Richard L. Glasser, A.B., John F. B. Weaver Fellow in Physiology.
 Donald Helinski, B.S., Weaver Fellow in Biological Chemistry.
 John D. Hensala, Fellow in Pharmacology.
 Ernest C. Herrmann, Jr., B.S., Fellow in Bacteriology.
 Albert V. Kanner, Fellow in Pediatrics.
 Murray M. Kappelman, B.S., Fellow in Pediatrics.
 Theodore Kardash, B.S., M.D., Research Fellow in Gynecological Pathology.
 Sydney Katz, A.B., M.D., Research Fellow in Legal Medicine.¹
 Donald Keister, B.S., Fellow in Biological Chemistry.
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 Jack Mendelson, Fellow in Psychiatry.³
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 Robert G. Muth, Lederle Student Fellow, Div. of Cardiology.
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 Giovanni Raccuglia, M.D., Anna Corman Fellow in Hematology.
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 Aubrey D. Richardson, M.D., Fellow in Medicine (part-time).
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 Charles A. Sanislow, Jr., Summer Fellow in Clinical Pathology.
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 Joseph E. Shuman, Fellow in Infectious Diseases.
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 George A. Sowell, Summer Fellow in Radiology.
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 Robert T. Walker, M.D., Fellow in Medicine.
 Robert H. Weaver, B.S., Fellow in Biochemistry.
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 Arthur Wolpert, Fellow in Pharmacology.
 Robert C. Wood, B.A., M.S., U. S. Navy Research Fellow in Microbiology.

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 Amy Lee Wells, R.N., Research Assistant in Gynecological Pathology.
 Stanley N. Yaffe, B.S., M.D., Research Assistant in Dermatology.
 Karl H. Weaver, M.D., Trainee in Cardiology.
 Betty May Zimmerman, Research Assistant in Legal Medicine.

TRAINEES

Aubry D. Richardson, M.D., Trainee in Cardiology.

UNIVERSITY HOSPITAL

CLIFFORD G. BLITCH, *Director*
 KURT H. NORK, *Asst. Director*
 ALBERT G. WNUK, *Asst. Director*

MEDICAL BOARD OF THE STAFF

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ARTHUR L. HASKINS
 J. MASON HUNDLEY, JR.
 MAURICE C. PINCOFFS
 HUGH R. SPENCER
 THEODORE E. WOODWARD

<i>Elected Members</i>	<i>Term Expires</i>
THURSTON R. ADAMS.....	1956
C. EDWARD LEACH.....	1956
JOHN D. YOUNG.....	1956
THOMAS R. O'ROURK.....	1956
WM. CARL EBELING, III.....	1957
HARRY M. ROBINSON, JR.....	1957
E. RODERICK SHIPLEY.....	1957
WILLIAM S. STONE, <i>Director, Medical Education and Research;</i> <i>Dean, School of Medicine</i>	} <i>Ex officio members</i>
CLIFFORD G. BLITCH, <i>Director, University Hospital</i>	
KURT H. NORK, <i>Asst. Director, University Hospital</i>	
ALBERT G. WNUK, <i>Director, Out Patient Department</i>	
MILTON S. SACKS, <i>Director, Clinical Pathology</i>	

UNIVERSITY HOSPITAL STAFF

ANESTHESIOLOGY

<i>Anesthesiologist-in-Chief</i>	ROBERT B. DODD
	{ LEONARD J. ABRAMOWITZ
<i>Anesthesiologists</i>	{ PAUL R. HACKETT
	{ ALFRED T. NELSON
	{ OTTO C. PHILLIPS

GYNECOLOGY AND ONCOLOGY

<i>Gynecologist-in-Chief</i>	J. MASON HUNDLEY, JR.
	{ LEO BRADY
<i>Gynecologists</i>	{ BEVERLEY C. COMPTON
	{ ERNEST I. CORNBROOKS, JR.
	{ WILLIAM K. DIEHL
	{ EVERETT S. DIGGS

ONCOLOGY

<i>Oncologist-in-Chief</i>	J. MASON HUNDLEY, JR.
----------------------------------	-----------------------

MEDICINE AND MEDICAL SPECIALTIES

DERMATOLOGY

<i>Dermatologist-in-Chief</i>	HARRY M. ROBINSON, JR.
	{ EUGENE S. BERESTON
<i>Dermatologists</i>	{ FRANCIS A. ELLIS
	{ RAYMOND C. V. ROBINSON
	{ A. ALBERT SHAPIRO
	{ ISRAEL ZELIGMAN

GENERAL MEDICINE

<i>Physician-in-Chief</i>	THEODORE E. WOODWARD
	{ ROBERT E. BAUER ⁶
	{ HOWARD M. HUBERT
	{ T. NELSON CAREY
	{ EDWARD F. COTTER
<i>Physicians</i>	{ WM. CARL EBELING, III
	{ FRANK J. GERAGHTY
	{ LEWIS P. GUNDRY
	{ JAMES R. KARNs
	{ LOUIS A. M. KRAUSE

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

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	JOHN E. LEGGE
	EPHRAIM T. LISANSKY
	WILLIAM S. LOVE, JR.
	HENRY J. L. MARRIOTT
	SAMUEL MORRISON
	ROBERT T. PARKER
<i>Physicians</i>	MAURICE C. PINCOFFS
	SAMUEL T. R. REVELL, JR.
	MILTON S. SACKS
	LEONARD SCHERLIS
	SIDNEY SCHERLIS
	LAWRENCE SERRA
	WILFRED H. TOWNSHEND, JR.
	CHARLES VAN BUSKIRK
	JOSEPH B. WORKMAN
NEUROLOGY	
<i>Neurologist-in-Chief</i>	CHARLES VAN BUSKIRK
	EDWARD F. COTTER
<i>Neurologists</i>	WILLIAM L. FEARING
	GEORGE G. MERRILL
	IRVING J. SPEAR
OBSTETRICS	
<i>Obstetrician-in-Chief</i>	ARTHUR L. HASKINS
	GEORGE H. DAVIS
	D. MCCLELLAND DIXON
	LOUIS C. GAREIS
<i>Obstetricians</i>	HUGH B. McNALLY
	J. HUFF MORRISON
	J. MORRIS REESE
	JOHN E. SAVAGE
	J. KING B. E. SEEGAR
	ISADORE A. SIEGEL
OPHTHALMOLOGY	
<i>Ophthalmologist-in-Chief</i>	
<i>Ophthalmologists</i>	RUBY A. SMITH
	J. E. BRUMBACK, JR.
<i>Assistant Ophthalmologists</i>	JOHN C. OZAZEWSKI
	HENRY B. WILSON
PATHOLOGY	
<i>Pathologist-in-Chief</i>	HUGH R. SPENCER
<i>Pathologists</i>	DEXTER L. REIMANN
	JOHN A. WAGNER
PEDIATRICS	
<i>Pediatrician-in-Chief</i>	J. EDMUND BRADLEY
	SAMUEL P. BESSMAN
<i>Pediatricians</i>	RAYMOND L. CLEMMENS
	A. H. FINKELSTEIN
	C. LORING JOSLIN

UNIVERSITY HOSPITAL STAFF—*Cont'd.*

PREVENTIVE MEDICINE AND REHABILITATION

Physician-in-Chief..... MAURICE C. PINCOFFS

PSYCHIATRY

Psychiatrist-in-Chief..... JACOB E. FINESINGER

TANASH ATOYNATAN
RAYMOND I. BAND
KLAUS BERBLINGER
JOSEPH BIERMAN
LIDA C. BROWN
ENOCH CALLAWAY, III
WILLIAM N. FITZPATRICK
BERNARD S. GORDON
MAURICE H. GREENHILL
MANFRED S. GUTTMACHER
VIRGINIA HUFFER
MARVIN JAFFE
EPHRAIM T. LISANSKY
WILLIAM W. MAGRUDER
MARION W. MATHEWS
CESAR MEZA
H. WHITMAN NEWELL
SAMUEL NOVEY
KENT E. ROBINSON
NATHAN SCHNAPER
ISADORE TUERK
CHARLES S. WARD
ROGER S. WATERMAN
BETSY WOOTEN

Psychiatrists.....

RADIOLOGY

Radiologist-in-Chief..... JOHN M. DENNIS

Radiologists.....
ROBERT P. BOUDREAU
CHARLES N. DAVIDSON
HENRY H. STARTZMAN

SURGERY AND SURGICAL SPECIALTIES

BRONCHOSCOPY

Bronchoscopists.....
RICHARD J. CROSS
JOHN H. HIRSCHFELD
FREDERICK T. KYPER
THOMAS D. MICHAEL⁶

DENTAL SURGERY

Dental Surgeon-in-Chief..... BRICE M. DORSEY

Dentists.....
MYRON S. AISENBERG
JOSEPH C. BIDDIX
JOSEPH P. CAPPUCCIO
EDWARD C. DOBBS
GRAYSON W. GAVER
CONRAD L. INMAN
ERNEST B. NUTTALL
KENNETH V. RANDOLPH
WILBUR O. RAMSEY

UNIVERSITY HOSPITAL STAFF—Cont'd.

GENERAL SURGERY

<i>Surgeon-in-Chief</i>	ROBERT W. BUXTON
	{ THURSTON R. ADAMS
	{ HARRY C. BOWIE
	{ OTTO C. BRANTIGAN
	{ R. ADAMS COWLEY
	{ RAYMOND M. CUNNINGHAM
	{ HARRY C. HULL
<i>Surgeons</i>	{ CHARLES A. REIFSCHNEIDER
	{ WILLIAM B. SETTLE
	{ ROBERT C. SHEPPARD
	{ E. RODERICK SHIPLEY
	{ EDWIN H. STEWART
	{ DAVID R. WILL
	{ GEORGE H. YEAGER

NEUROLOGICAL SURGERY

<i>Neurological Surgeon-in-Chief</i>	JAMES G. ARNOLD, JR.
<i>Neurological Surgeons</i>	{ RICHARD G. COBLENTZ
	{ RAYMOND K. THOMPSON

ORTHOPEDICS

<i>Orthopedic Surgeon-in-Chief</i>	ALLEN F. VOSHELL
	{ MOSES GELLMAN
	{ JAMES P. MILLER
<i>Orthopedic Surgeons</i>	{ HENRY F. ULLRICH
	{ MILTON J. WILDER

OTOLARYNGOLOGY

<i>Otolaryngologist-in-Chief</i>	THOMAS R. O'ROURK
--	-------------------

PROCTOLOGY

<i>Proctologist-in-Chief</i>	MONTE EDWARDS
<i>Proctologist</i>	THURSTON R. ADAMS

UROLOGY

<i>Urologist-in-Chief</i>	JOHN D. YOUNG
	{ JOHN F. HOGAN, JR.
	{ HOWARD B. MAYS
	{ LYLE L. MILLAN
<i>Urologists</i>	{ MARTIN A. ROBBINS
	{ IRVING SCHERLIS
	{ JOHN D. YOUNG

UNIVERSITY HOSPITAL RESIDENT AND INTERN STAFF

July 1, 1955 to June 30, 1956

CHARLES B. ADAMS, B.S., M.D., *Assistant Resident in Medicine*
 BENJAMIN A. ADELSTEIN, B.A., M.D., *Assistant Resident in Surgery*
 CHARLES BAGLEY, III, B.S., M.D., *Resident in Psychiatry*
 HERBERT S. BELL, M.D., *Assistant Resident in Neurosurgery*
 EMIDIO A. BIANCO, M.D., *Assistant Resident in Medicine: University Hospital, July 1,*

1955 to December 31, 1955; Veterans Administration Hospital, Loch Raven Boulevard, January 1, 1956 to June 30, 1956

- EUGENE BLANK, B.A., M.D., *Assistant Resident in Medicine and Pediatrics*
 CHARLES W. BRADY, A.B., M.D., *Assistant Resident in Surgery*
 RICHARD J. BROWN, B.S., M.D., *Resident in Anesthesiology*
 BASRI BULUT, M.D., *Resident in Otolaryngology*
 CELESTINO CASILLAS, M.D., *Assistant Resident in Psychiatry*
 JOHN B. CODINGTON, B.S., M.D., *Assistant Resident in Surgery*
 JEAN M. COYLE, B.S., M.D., *Assistant Resident in Psychiatry*
 NESTOR F. DE VENECIA, M.D., *Assistant Resident in Surgery*
 ROCHA FILHO, M.D., *Assistant Resident in Psychiatry*
 CHARLES T. FITCH, B.S., *Assistant Resident in General Practice*
 JOSEPH C. FITZGERALD, B.A., M.D., *Assistant Resident in Maine*
 MARIA PAZ FLOR, D.D.M., *Dental Resident*
 LOUIS A. FRITZ, B.S., M.D., *Resident in Anesthesiology*
 ALFREDO H. GAGNETEN, M.D., *Assistant Resident in Obstetrics and Gynecology*
 JAMES P. GALLAHER, A.B., M.D., *Resident in Obstetrics*
 F. SIDNEY GARDNER, JR., B.A., *Resident in Gynecology*
 ROBERT W. GIBBES, B.S., M.D., *Assistant Resident in Pediatrics*
 ROBERT B. GOLDSTEIN, M.D., *Assistant Resident in Surgery*
 BELA HATFALVI, M.D., *Resident in Anesthesiology*¹
 WILLIAM H. HATFIELD, B.A., M.D., *Assistant Resident in Pediatrics*
 THOMAS E. HUNT, JR., B.A., M.D., *Assistant Resident in Surgery*
 HOLCOMBE H. HUNT, JR., B.S., M.D., *Assistant Resident in Medicine*
 MARCIA M. KELLER, B.S., M.D., *Assistant Resident in Medicine*
 EDWARD S. KLOHR, JR., M.D., *Assistant Resident in Anesthesiology*
 HENRY E. LANGENFELDER, B.A., M.D., *Resident in Surgery*
 PAUL V. LEGER, M.D., *Assistant Resident in Surgery*
 DAVID A. LEVY, B.S., M.D., *Assistant Resident in Medicine*
 FRANCES LITRENTA, A.B., M.D., *Assistant Resident in Psychiatry*
 RAFAEL LONGO-CORDERO, B.S., M.D., *Assistant Resident in Neurosurgery*: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals; University Hospital, November 1, 1955 to February 28, 1956
 JOHN W. LOOPER, JR., M.D., *Resident in Pediatrics*
 ALFREDO MATEOS, B.S., M.D., *Assistant Resident in Psychiatry*
 RAUL MERCADO, JR., A.B., M.D., *Resident in Radiology*
 EDMUND B. MIDDLETON, M.D., *Assistant Resident in Obstetrics and Gynecology*
 NORMAN E. MILLER, M.D., *Assistant Resident in Obstetrics and Gynecology*
 MILTON F. MILLER, B.A., M.D., *Assistant Resident in Medicine*
 ROBERT A. MOORE, JR., A.B., M.D., *Assistant Resident in Neurosurgery*: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals; University Hospital, March 1, 1956 to June 30, 1956
 ROBERT S. MOSSER, B.S., M.D., *Assistant Resident in Pediatrics*
 SADREDIN MUSAVI, A.B., M.D., *Assistant Resident in Surgery*
 GERALD F. NANGLE, B.A., M.D., *Assistant Resident in General Practice*
 BURDETTE A. NEWTON, A.B., M.D., *Assistant Resident in Medicine*
 EDWARD D. NIESSEN, B.A., M.D., *Assistant Resident in Obstetrics and Gynecology*
 A. GIBSON PACKARD, JR., A.B., M.D., *Assistant Resident in Surgery*
 ALFONSO PAREDES, B.S., M.D., *Assistant Resident in Psychiatry*

¹ Until December 31, 1955.

- DAVID H. PATTEN, A.B., M.D., *Assistant Resident in Medicine*: Veterans Administration Hospital, Fort Howard, July 1, 1955 to December 31, 1955; University Hospital, January 1, 1955 to June 30, 1955
- CHARLES G. PEAGLER, M.D., *Assistant Resident in Surgery*
- GEORGE C. PECK, A.B., M.D., *Assistant Resident in Surgery*
- HENRY D. PERRY, JR., A.B., M.D., *Assistant Resident in Obstetrics and Gynecology*
- JACK RAHER, B.A., M.D., *Assistant Resident in Psychiatry*
- ADALBERT F. SCHUBART, M.D., *Assistant Resident in Medicine*
- ROGER D. SCOTT, M.D., *Assistant Resident in Surgery*
- EDWARD J. SHEFFMAN, M.D., *Assistant Resident in Anesthesiology*
- EUGENE SHERMAN, B.S., M.D., *Assistant Resident in Obstetrics and Gynecology*
- CHARLES E. SIMONS, JR., M.D., *Resident in Urology*
- ROBERT T. SINGLETON, B.S., M.D., *Assistant Resident in Medicine*: Veterans Administration Hospital, Loch Raven Boulevard, July 1, 1955 to December 31, 1955; University Hospital, January 1, 1956 to June 30, 1956
- WILLIAM H. SLASMAN, JR., A.B., M.D., *Assistant Resident in Neurosurgery*: Four months rotating at University Hospital, Mercy Hospital and Baltimore City Hospitals; University Hospital, July 1, 1955 to October 31, 1955
- RALPH J. SLONIM, JR., B.A., M.D., *Assistant Resident in Medicine*
- DOUGLAS H. SMITH, B.A., M.D., *Resident in Anesthesiology*
- WILLIAM S. SPICER, M.D., *Resident in Medicine*
- WILLIAM B. STODGHILL, A.B., M.D., *Assistant Resident in Medicine*
- THOMAS H. STRONG, M.D., *Assistant Resident in Obstetrics and Gynecology*
- LILBURN T. TALLEY, B.S., M.D., *Assistant Resident in Radiology*
- RUFUS THAMES, B.S., M.D., *Assistant Resident in Obstetrics and Gynecology*
- BATE C. TOMS, JR., B.S., M.D., *Resident in Surgery*
- ROBERT TRATTNER, D.D.S., M.D., *Resident in Psychiatry*
- ARNOLD L. VANCE, B.S., M.D., *Assistant Resident in Pediatrics*
- PAUL VAN LITH, M.D., *Assistant Resident in Medicine*²
- HAROLD R. WEISS, B.S., M.D., *Assistant Resident in Surgery*
- ALBERT S. WINER, A.B., M.D., *Assistant Resident in Psychiatry*
- FRANCIS E. WINSLOW, JR., A.B., *Assistant Resident in Pediatrics*
- DONALD A. WOLFE, B.S., M.D., *Assistant Resident in Radiology*
- ROBERT E. YIM, B.S., M.D., *Assistant Resident in Medicine and Pediatrics*
- JACOB ZIMMERMAN, M.B., B.S., *Resident in Thoracic Surgery*

ROTATING INTERNS

- | | |
|--|-----------------------------------|
| HASKELL H. BASS, JR., M.D. | MORTON D. KRAMER, B.S., M.D. |
| EUGENIO E. BENITEZ, B.S., M.D. | WILLIAM F. KRONE, JR., B.A., M.D. |
| ALBERT B. BRADLEY, A.B., M.D. | NORMAN W. LAVY, B.A., M.D. |
| EDUARDO CESARMAN VITIS, B.S., M.D. | RICHARD F. LEIGHTON, A.B., M.D. |
| GEORGE P. FOSMIRE, A.B., M.D. | DOROTHY E. MILLON, B.A., M.D. |
| JOHN R. GAULD, B.S., M.D. | NEIL NOVIN, B.A., M.D. |
| GEORGE E. GIFFORD, JR., B.S., M.D. | ANTONIO K. OLMEDO, M.D. |
| RALPH J. GORTEN, B.A., M.D. | LAWRENCE J. PARISH, A.B., M.D. |
| GARY S. GOSHORN, A.B., M.D. | JOAN RASKIN, B.A., M.D. |
| WALTER N. HUMMLER, B.S., M.D. | CLOVIS M. SNYDER, A.B., M.D. |
| WACLAW HOJNOSKI, JR., B.A., M.A., M.D. | ROBERT WILLENKIN, B.A., M.D. |
| PAUL C. HUDSON, M.D. | CHARLES E. WRIGHT, A.B., M.D. |

² Beginning August 1, 1955.

INTERNS IN MEDICINE

THOMAS E. DAVIS, A.B., M.D.

HARRY H. HERBST, B.S., M.D.

LEONARD J. MORSE, B.A., M.D.

INTERN IN PEDIATRICS

MURRAY KAPPELMAN, B.S., M.D.

DENTAL INTERNS

ROBERT L. HELDRICH, A.B., D.D.S.

LEONARD H. JARVIS, JR., A.B., D.D.S.

MITCHEL POZEGA, A.B., D.D.S.

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT STAFF

ALBERT G. WNUK, *Director*

GYNECOLOGY, <i>Director of Clinics</i>	BEVERLEY C. COMPTON
<i>Chief of Clinic</i>	JAMES H. SHELL, JR.
	ERNEST I. CORNBROOKS, JR.
	W. ALLEN DECKERT
	THEODORE KARDASH
<i>Assistants</i>	NORMAN LEVIN
	RAYMOND L. MARKLEY
	GEORGE A. MAXWELL
	JAMES H. SHELL, JR.
	F. X. PAUL TINKER
	BEVERLEY C. COMPTON
	ERNEST I. CORNBROOKS, JR.
	WILLIAM K. DIEHL
<i>Cystoscopists, Female</i>	EVERETT S. DIGGS
	J. MASON HUNDLEY, JR.
	JAMES H. SHELL, JR.
	F. X. PAUL TINKER
ONCOLOGY (Gynecological Division)	
<i>Chief of Clinic</i>	WILLIAM K. DIEHL
	BEVERLEY C. COMPTON
<i>Assistants</i>	ERNEST I. CORNBROOKS, JR.
	EVERETT S. DIGGS
	FRANK K. MORRIS
MEDICINE, <i>Director of Clinics</i>	THEODORE E. WOODWARD
<i>Chief of Clinic</i>	JOSEPH C. FURNARI
	CONRAD ACTON
	ROBERT E. BAUER ⁶
	LOUIS V. BLUM
	FRANCIS BORGES
	JOSEPH BRONUSHAS
<i>Physicians</i>	M. PAUL BYERLY
	T. NELSON CAREY
	JONAS COHEN
	EDWARD F. COTTER
	WILLIAM F. COX, III ⁶
	JOHN B. DEHOFF

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	{	CARL EBELING
		WETHERBEE FORT
		PERRY FUTTERMAN ⁶
		WILLIAM HELFRICH
		HENRY W. J. HOLLJES ⁶
		WALTER KARFGIN
		JAMES R. KARNS
		JOHN LEGGE
		KURT LEVY
		STEPHEN MAGNESS
Physicians	{	JOSEPH MATCHAR
		STANLEY MILLER
		DONALD MINTZER
		JOSEPH MUSE
		ROBERT T. PARKER
		GIOVANNI RACCUGLIA
		SAMUEL T. R. REVELL, JR.
		MILTON SACKS
		LEONARD SCHERLIS
		STANLEY STEINBACK
		KYLE SWISHER
		STEPHEN J. VAN LILL, III
ALLERGY, <i>Chief of Clinic</i>		HOWARD M. BUBERT
<i>Assistant Chief</i>		JEROME SHERMAN
<i>Assistant Allergists</i>	{	EDWARD S. KALLINS
		RAYMOND M. LAUER
ARTHRITIS, <i>Chief of Clinic</i>		LEON A. KOCHMAN
<i>Physician, Attending</i>		JOSEPH C. FURNARI
CARDIOVASCULAR CLINIC, <i>Chief</i>		C. EDWARD LEACH
<i>Cardiologists, Assistant</i>	{	E. R. SMITH
		WILFRED H. TOWNSEND
		STEPHEN J. VAN LILL, III
CARDIAC CLASSIFICATION UNIT, <i>Chief</i>		FRANCIS BORGES
CHEST CLINIC, <i>Chief</i>		MEYER W. JACOBSON
<i>Assistant Chief</i>		MANUEL LEVIN
DERMATOLOGY AND SYPHILIS CLINIC		
<i>Chief of Clinic</i> (2nd Director of Division)		HARRY M. ROBINSON, JR.
	{	EUGENE S. BERESTON
		WILLIAM R. BUNDICK
		FRANCIS A. ELLIS
Dermatologists	{	STANLEY N. JAFFE
		R. C. V. ROBINSON
		A. ALBERT SHAPIRO
		ISRAEL ZELIGMAN
	{	DAVID BACHARACH
		MORRIS M. COHEN
Assistants	{	MARK B. HOLLANDER
		LEE R. LERMAN
		JACOB LUDWIG

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

DIABETIC CLINIC, <i>Chief</i>	CHARLES E. SHAW
<i>Assistants</i>	{ FRANK KUEHN
	{ KENNEDY WALLER
GASTRO-ENTEROLOGY CLINIC, <i>Chief</i>	WM. CARL EBELING, III
<i>Assistant</i>	ALBERT J. SHOCHAT
HEMATOLOGY CLINIC, <i>Chief</i>	MILTON S. SACKS
<i>Assistant Chief</i>	STANLEY MILLER
<i>Physician, Attending</i>	IRVING FREEMAN
HYPERTENSIVE CLINIC, <i>Chief</i>	SAMUEL T. R. REVELL, JR.
<i>Assistant Chief</i>	FRANCIS J. BORGES
ISOTOPE CLINIC, <i>Chief</i>	JOSEPH B. WORKMAN
<i>Assistant Chief</i>	JOHN M. DENNIS
	{ ROBERT E. BAUER ⁶
<i>Physicians, Attending</i>	{ ROBERT BOUDREAU
	{ EUGENE COVINGTON
NEUROLOGY CLINIC, <i>Chief</i>	CHARLES VAN BUSKIRK
<i>Neurologist, Assistant</i>	HARRY A. TEITLEBAUM
OBSTETRICAL CLINIC, <i>Chief of Clinic</i>	J. HUFF MORRISON
	FRANK W. BAKER
	HARRY MCB. BECK
	HARRY COHEN
	GEORGE H. DAVIS
	WILLIAM A. DODD
	DANIEL EHRLICH
	WILLIAM G. ENGLEHART
	VINCENT DEP. FITZPATRICK
	WILLIAM D. GENTRY
	THEODORE KARDASH
<i>Obstetricians, Assistant</i>	VERNON C. KELLY
	IRVIN P. KLEMKOWSKI
	NORMAN LEVIN
	W. K. MANSFIELD
	JOHN E. SAVAGE
	ERNEST SCHER
	BENSON C. SCHWARTZ
	J. K. B. E. SEEGAR
	JAMES H. SHELL, JR.
	F. X. PAUL TINKER
	{ THOMAS C. WEBSTER
OPHTHALMOLOGY CLINIC, <i>Chief</i>	J. E. BRUMBACK, JR.
<i>Ophthalmologists, Assistant</i>	{ JOHN C. OZAZEWSKI
	{ RUBY A. SMITH
	{ HENRY B. WILSON
ORAL SURGERY, <i>Chief</i>	BRICE M. DORSEY
<i>Assistant Chief</i>	JOSEPH P. CAPPUCCI
PEDIATRIC CLINIC, <i>Director</i>	A. H. FINKELSTEIN
<i>Chief of Clinic</i>	SAMUEL S. GLICK
<i>Assistant Chief of Clinic</i>	KATHLEEN R. MCGRADY

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

	RUTH B. BALDWIN
	MELVIN N. BORDEN
	LESTER CAPLAN
	MIRIAM DALY
	GARRETT E. DEANE
	LEON DONNER
	EDWARD FIELD
<i>Pediatricians, Assistant</i>	KURT GLAZER
	HOWARD GOODMAN
	JOHN KRAGER
	MARY MATHEWS
	WILLIAM A. NIERMAN
	ALVIN STAMBLER
	WILLIAM EARL WEEKS
	J. CARLTON WICH
CARDIAC CLINIC (Pediatric) <i>Chief</i>	SIDNEY SCHERLIS
<i>Assistant Chief</i>	GIBSON J. WELLS
	MELVIN BORDEN
<i>Pediatricians, Assistant</i>	MARY HAYLECK
	LEONARD SCHERLIS
CHEST CLINIC (Pediatric) <i>Chief</i>	LOUIS V. BLUM
DEVELOPMENTAL CLINIC, <i>Chief</i>	RAYMOND L. CLEMMENS
SEIZURE CLINIC (Pediatric) <i>Chief</i>	RUTH BALDWIN
PSYCHIATRIC CLINICS, <i>Director of Clinic</i>	MAURICE H. GREENHILL
<i>Chief of Adult Psychiatric Clinic</i>	KLAUS W. BERBLINGER
<i>Director of Child Guidance Clinic</i>	H. WHITMAN NEWELL
<i>Chief of Mental Hygiene Society Clinic for Children</i> ...	Dr. MARVIN JAFFEE
<i>Chief of Comprehensive Clinic</i>	MAURICE H. GREENHILL
	TANASH H. ATOYNATAN
	SARA BENNETT
	JOSEPH BIERMAN
	ENOCH CALLAWAY, III
	WILLIAM N. FITZPATRICK
	BERNARD GORDON
	MANFRED S. GUTTMACHER
	MARVIN JAFFE
<i>Psychiatrists, Assistant</i>	EPHRAIM T. LISANSKY
	HANS W. LOEWALD
	WILLIAM W. MAGRUDER
	MARION MATHEWS
	KENT E. ROBINSON
	NATHAN SCHNAPER
	ISADORE TUERK
	ROGER WATERMAN
	BETSEY WOOTEN
	RALPH L. DUNLAP
<i>Psychologists, Attending</i>	THOMAS D. HAUPT
	LESTER M. LIBO
	BENJAMIN POPE

UNIVERSITY HOSPITAL OUTPATIENT DEPARTMENT—*Cont'd.*

RADIOLOGIST, <i>Chief</i>	JOHN M. DENNIS
<i>Radiologist</i>	LEONARD WARRES
SURGICAL CLINIC, <i>Chief</i>	ROBERT C. SHEPPARD
<i>Surgeons, Assistant</i>	{ WILLIAM D. LYNN WILLIAM B. SETTLE
NEUROSURGICAL CLINIC, <i>Chief</i>	WILLIAM H. MOSBERG, JR.
<i>Neurosurgical Surgeon, Asst.</i>	AUGUST KIEL, JR.
NEUROSURGICAL CLINIC (Pediatric), <i>Chief</i>	ROBERT M. N. CROSBY
ONCOLOGY CLINIC (Surgical Division) <i>Chief</i>	ARTHUR G. SIWINSKI
<i>Surgical Division (Assistants)</i>	{ E. EUGENE COVINGTON LOUIS E. GOODMAN J. DUER MOORES EDWIN H. STEWART
ORTHOPEDICS SURGERY CLINIC, <i>Chief</i>	ALLEN FISKE VOSHELL
<i>Orthopedic Surgeons, Asst.</i>	{ ELI LIPPMAN HENRY F. ULLRICH MILTON J. WILDER
OTOLARYNGOLOGY, <i>Chief</i>	RICHARD J. CROSS
<i>Otolaryngologists</i>	{ JAMES J. GERLACH FREDERICK L. STICHEL, JR. ROBERT HAASE FRANK B. DWYER
PLASTIC SURGERY, <i>Chief</i>	CLARENCE P. SCARBOROUGH
PROCTOLOGY CLINIC, <i>Chief</i>	JOHN D. ROSIN
<i>Proctologist, Assistant</i>	WILLIAM J. SUPIK
UROLOGY CLINIC, <i>Chief</i>	JOHN D. YOUNG, JR.
<i>Urologists, Assistant</i>	{ JOHN F. HOGAN, JR. JOHN F. HOGAN, SR. MARTIN A. ROBBINS IRVING SCHERLIS
VASCULAR CLINIC, <i>Chief</i>	GEORGE H. YEAGER
<i>Assistant Chief</i>	RAYMOND CUNNINGHAM
<i>Medical Consultant</i>	LEWIS P. GUNDRY

OUT-PATIENT REPORT

JANUARY 1, 1954 TO JANUARY 1, 1955

	Old Patients			Total Visits
	New Patients	Re-visits	Referrals	
Allergy.....	71	3434	79	3584
Arthritis.....	95	727	58	880
Cardiology.....	150	1069	1	1220
Chest.....	131	1225	321	1677
Child Guidance.....	9	69	17	95
Dental.....	139	802	992	1933
Diabetic.....	29	903	82	1014
Eye.....	532	1931	493	2956
Gastro-intestinal.....	56	762	102	920
Genito-urinary.....	356	1498	243	2097
G.U. Circumcision.....	1	16	22	39

	Old Patients			Total Visits
	New Patients	Re-visits	Referrals	
Gynecology.....	976	3883	261	5120
Gynecology—Screening.....	9	21	6	36
Hematology.....	25	505	13	543
Hypertension.....	5	74	34	113
Isotope.....	14	214	97	325
Medical.....	1136	5390	1258	7784
Medical Comprehensive.....	2	405	136	543
Neurology.....	51	320	74	445
Neurosurgery.....	95	424	207	726
Nose and Throat.....	449	616	239	1304
Obstetrics.....	1493	18072	437	20002
Occupational Therapy.....	—	828	42	870
Oncology—Gynecology.....	45	702	—	747
Oncology—Surgery.....	196	952	—	1148
Orthopedics.....	760	2563	603	3926
Pediatrics.....	3166	8444	57	11667
Pediatrics—Cardiology.....	12	433	58	503
Pediatrics—Chest.....	3	72	22	97
Pediatrics—Seizure.....	84	490	49	623
Physiotherapy.....	3	1666	278	1947
Plastic Surgery.....	9	9	9	27
Proctology.....	67	190	166	423
Psychiatry.....	306	3829	62	4197
Psychiatry—Child Guidance.....	10	1377	—	1387
Skin.....	1103	5622	785	7510
Department "S".....	118	1323	83	1524
Surgery.....	1973	5321	896	8190
Surgery—Residents.....	9	44	1	54
Vascular.....	79	337	51	467
Well Baby Clinic.....	680	4511	20	5211
TOTALS.....	14,447	81,073	8,354	103,874

White..... 24,283

Colored..... 79,591

MEDICAL CARE CLINIC UNIVERSITY HOSPITAL

Acting Director..... HARRY B. SCOTT

Associate Director..... RAY J. BEASLEY

Chief, Pediatrics Section..... GRANGE E. COFFIN

The Medical Care Clinic of the University of Maryland is the result of a study by the Medical and Chirurgical Faculty of Maryland in cooperation with the State Planning Commission. The present Clinic, located on the second floor of the Out-patient Department Building, is the first of its kind in this country. Public assistance clients are referred to the Clinic by the Baltimore City Health Department and are scheduled for an initial physical examination by physicians affiliated with the University of Maryland. A family physician is chosen by the patient from a list available at the Clinic. Copies of the individual's medical

history and examinations are sent to the physician selected, who then becomes responsible for the medical care of the patient.

The Medical Care Program is, in this way, an entirely new approach to the problem of the indigent patient. For the first time, he becomes the responsibility of a private physician. This places the practice of medicine to the indigent on a par with the practice of private medicine.

After the initial examination, the Clinic functions as a diagnostic center to serve the needs of the neighborhood practitioner. Consultants working in the Medical Care Clinic are available and at present represent Medicine, Surgery, Gynecology and Otolaryngology. Others will be added as required.

The Clinic functions between 8:30 and 4:30 daily. Registrations and referrals are conducted in the morning. Clinical examinations and consultations are held during the afternoon. Approximately two hundred neighborhood physicians have agreed to work with the Medical Care Program.

The University patient load of public assistance clients varies between 4000 and 5000 patients.

MERCY HOSPITAL

BOARD OF GOVERNORS

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SISTER M. THOMAS
SISTER M. CARMEL
SISTER M. JOSEPH
SISTER M. FRANCES LOUISE
SISTER M. ROSAIRE
SISTER M. HILDEGARD

SISTER M. BRENDAN
HENRY F. BONGARDT
H. RAYMOND PETERS
MAURICE C. PINCOFFS
DANIEL J. PESSAGNO
J. SHELDON EASTLAND
FRANK K. MORRIS

PHILIP D. FLYNN

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THOMAS B. BUTLER
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CLARENCE E. ELDERKIN
RICHARD A. FROEHLINGER
WILLIAM L. GALVIN
RODNEY J. BROOKS, JR.

JAMES H. GORGES
AUGUST B. HANEKE
SAMUEL H. HOFFBERGER
JAMES W. McELROY
ALLEN W. MORTON
S. PAGE NELSON
THOMAS W. PANGBORN
WILLIAM F. SCHMICK

MERCY HOSPITAL STAFF

ANESTHESIOLOGY

<i>Anesthesiologist-in-Chief</i>	JAMES RUSSO ⁶
<i>Acting Anesthesiologist-in-Chief</i>	ELIZABETH Y. PAHK
	(ELIZABETH BRADY
	OLIVE GUNKEL
<i>Nurse, Anesthetists</i>	ETHEL M. KANE
	KATHLEEN LINSENMEYER
	(FRANCES V. OWINGS

⁶ On leave.

MERCY HOSPITAL STAFF—*Cont'd.*

BIOCHEMISTRY

Biochemist, Clinical CHARLES E. BRAMBEL

DENTISTRY

Dentist, Consulting CONRAD L. INMAN

Dentist, Chief J. D. FUSCO

DERMATOLOGY

Dermatologist-in-Chief FRANCIS A. ELLIS

Dermatologists, Associate { EUGENE S. BERESTON
WILLIAM R. BUNDICK
R. C. V. ROBINSON

DISEASES OF THE CHEST, *Consultant* H. VERNON LANGELLUTTIG

GASTRO-ENTEROLOGY

Gastro-Enterologist, Consultant MAURICE FELDMAN

Gastro-Enterologist-in-Chief WM. CARL EBELING, III

Gastro-Enterologist, Associate PHILIP D. FLYNN

GYNECOLOGY

Gynecologist-in-Chief FRANK K. MORRIS

Gynecologists { JOHN J. ERWIN
EDWARD P. SMITH
GEORGE A. STRAUSS, JR.
HARRY MCB. BECK
Gynecologists, Associate { WILLIAM A. DODD
CHARLES H. DOELLER, JR.
WILLIAM C. DUFFY
FRANK W. BAKER
VINCENT DEP. FITZPATRICK, JR.
ANTHONY F. DiPAULA
GERALD A. GALVIN
WILLIAM D. GENTRY, JR.
Gynecologists, Assistant { HARRY F. KANE
JOHN M. PALESE
WILLIAM J. RYSANEK, JR.
WALTER K. SPELSBERG
F. X. PAUL TINKER
ROBERT B. TUNNEY
JOHN F. ULLSPERGER

HEMATOLOGY

Hematologist, Clinical H. RAYMOND PETERS

MEDICINE

Physician, Consulting MAURICE C. PINCOFFS

Physician-in-Chief H. RAYMOND PETERS

Physicians { T. NELSON CAREY
J. SHELDON EASTLAND
LOUIS A. M. KRAUSE
HENRY J. L. MARRIOTT
S. EDWIN MULLER
SOL SMITH
THOMAS P. SPRUNT

MERCY HOSPITAL STAFF—*Cont'd.*

<i>Physicians, Associate</i>	{	BARTUS T. BAGGOTT
		WETHERBEE FORT
		WILLIAM H. KAMMER
		JOHN C. OSBORNE
		J. EMMETT QUEEN
		FREDERICK J. VOLLMER
		HUGH J. WELCH
		J. HOWARD BURNS
		EARL L. CHAMBERS
		EDMUND P. COFFAY ⁶
		E. ELLSWORTH COOK, JR.
		JOHN R. DAVIS, JR.
		MAURICE FELDMAN, JR.
		CHARLES R. FRAVEL ⁶
<i>Physicians, Assistant</i>	{	FRANCIS J. GERAGHTY
		K. W. GOLLEY
		WILLIAM H. GRENZER
		ARTHUR KARFGIN
		FRANK T. KASIK, JR.
		ROBERT J. LYDEN
		M. KEVIN QUINN
		JOSEPH F. PALMISANO
		DONALD J. ROOP
		HARRY B. SCOTT
		MARGARET L. SHERRARD-HAMBERRY
	{	THADDEUS C. SIWINSKI
		S. A. TUMMINELLO

NEUROLOGY

<i>Neurologist, Consulting</i>	ANDREW C. GILLIS
<i>Neuro-Psychiatrist-in-Chief</i>	PHILIP F. LERNER
<i>Neurologists and Psychiatrists, Associate</i>	{ JOHN C. BRICKNER
	{ GEORGE G. MERRILL
	{ WILLIAM A. RINN
	{ SAMUEL S. WOLF ⁶
<i>Neurologist and Psychiatrist, Assistant</i>	JULIE FARLEY
<i>Neurologist Surgeon, Consultant</i>	CHARLES S. BAGLEY, JR.
<i>Neurological Surgeon-in-Chief</i>	JAMES G. ARNOLD, JR.
<i>Neurological, Surgeons</i>	{ JOHN W. CHAMBERS
	{ RICHARD B. COBLENTZ
	{ ROBERT M. N. CROSBY
	{ AUGUST KIEL, JR.
	{ WILLIAM H. MOSBERG, JR.
	FRANK J. OTENASEK
	RAYMOND K. THOMPSON

OBSTETRICS

<i>Obstetrician, Consulting</i>	EDWARD P. SMITH
<i>Obstetrician-in-Chief</i>	JOHN J. ERWIN

⁶ On leave.

MERCY HOSPITAL STAFF—*Cont'd.*

	{	HARRY MCB. BECK
	{	WILLIAM A. DODD
	{	CHARLES H. DOELLER, JR.
Obstetricians.....	{	WILLIAM C. DUFFY
	{	HARRY F. KANE
	{	HUGH B. McNALLY
	{	FRANK K. MORRIS
	{	ROBERT B. TUNNEY
Obstetricians, Associate.....	{	J. BROOKE BOYLE, JR.
	{	ANTHONY F. DiPALUA
	{	VINCENT DEP. FITZPATRICK, JR.
	{	WILLIAM J. RYSANEK, JR.
	{	FRANK W. BAKER
	{	H. HOWARD BURNS
Obstetricians, Assistant.....	{	WILLIAM D. GENTRY
	{	WALTER K. SPELSBERG
	{	F. X. PAUL TINKER
	{	JOHN F. ULLSPERGER
OPHTHALMOLOGY		
Ophthalmologist-in-Chief.....	{	JOSEPH V. JEPPI
	{	JOSEPH I. KEMLER
Ophthalmologists and Otologists, Associate...	{	F. A. PACIENZA
	{	M. RASKIN
ORTHOPEDICS		
Orthopedic Surgeon-in-Chief.....	{	HARRY L. ROGERS
Orthopedic Surgeon, Associate.....	{	HENRY F. ULLRICH
	{	J. H. GASKEL
	{	ISAAC GUTMAN
Orthopedic Surgeons, Assistant.....	{	EVERETT D. JONES
	{	I. H. MASERITZ
OTOLARYNGOLOGY		
	{	W. RAYMOND MCKENZIE
Otolaryngologists, Consulting.....	{	GEORGE W. MITCHELL
	{	WAITMAN F. ZINN
Otolaryngologist and Bronchoesophagologist-in-Chief.....	{	THEODORE A. SCHWARTZ
	{	ROBERT Z. BERRY
	{	BENJAMIN H. ISAACS
Otolaryngologist and Bronchoesophagologists, Associate.....	{	FAYNE A. KAYSER
	{	BENJAMIN S. RICH
	{	ARTHUR WARD
	{	SAMUEL L. FOX
Otolaryngologist and Bronchoesophagologists, Assistant.....	{	JAMES J. GERLACH
	{	HARRY P. PORTER
	{	JOHN M. REHBERGER
PATHOLOGY		
Pathologist, Clinical.....	{	H. T. COLLENBERG
Pathologist, Consulting.....	{	HUGH R. SPENXER
Pathologist-in-Chief.....	{	C. GARDNER WARNER

MERCY HOSPITAL STAFF—*Cont'd.*

PEDIATRICS

<i>Pediatrician, Consulting</i>	EDGAR B. FRIEDENWALD
<i>Pediatrician-in-Chief</i>	FREDERICK B. SMITH
<i>Pediatrician, Associate</i>	G. BOWERS MANSDORFER
	{ DONALD D. COOPER
	{ JOSEPH M. CORDI
	{ HERBERT L. ECKERT ⁶
	{ JEROME FINEMAN
	{ EDWARD L. FREY, JR.
<i>Pediatricians, Assistant</i>	{ FREDERICK J. HELDRICH
	{ DAVID JOSEPHS
	{ ISRAEL P. MERANSKI
	{ O. WALTER SPURRIER
	{ EARL WEEKS
	{ J. CARLTON WICK

PLASTIC SURGERY

Surgeons.....	{ EDWARD A. KITLOWSKI
	{ CLARENCE P. SCARBOROUGH

PROCTOLOGY

<i>Proctologist-in-Chief</i>	SIMON BRAGER
<i>Proctologist, Associate</i>	WILLIAM J. SUPIK

RADIOLOGY

<i>Radiologist-in-Chief</i>	EDWARD R. DANA
<i>Radiology, Supervisor</i>	ELIZABETH KENLY, RN
	{ SISTER M. JANE FRANCES
	{ JEAN ADAMS
	{ SARA CROSS
<i>Radiology, Technicians</i>	{ SHIRLEY HORNER
	{ RUTH MAY, RN
	{ ELSIE MORRIS
	{ BARBARA POTTS

SURGERY

<i>Surgeon-in-Chief</i>	DANIEL J. PESSAGNO
<i>Senior Surgeon</i>	WALTER D. WISE
	{ HENRY F. BONGARDT
<i>Surgeons</i>	{ THOMAS R. CHAMBERS
	{ F. L. JENNINGS
	{ WILLIAM F. RIENHOFF, JR.
	{ SIMON BRAGER
	{ RAYMOND F. HELFRICH
	{ CHARLES W. MAXSON
<i>Surgeons, Associate</i>	{ HOWARD B. McELWAIN
	{ JAMES W. NELSON ⁶
	{ JOHN A. O. RIDGELY
	{ I. RIDGEWAY TRIMBLE
	{ HAROLD P. BIEHL
<i>Surgeons, Assistant</i>	{ HAROLD H. BURNS
	{ S. DeMARCO, JR.
	{ MICHAEL L. DeVINCENTIS

⁶ On leave.

MERCY HOSPITAL STAFF—*Cont'd.*

	{	WILLIAM C. DUNNIGAN ⁶
	{	FRANK A. FARAINO
	{	WILLIAM L. GARLICK
	{	WILLIAM R. GERAGHTY
	{	JULIUS GOODMAN
	{	CALVIN Y. HADIDIAN
<i>Surgeons, Assistant</i>	{	JOSEPH V. JERARDI
	{	F. FORD LOKER
	{	KIRK MOORE
	{	PATRICK C. PHELAN, JR.
	{	JOHN F. SCHAEFER
	{	T. J. TOUHEY
	{	HOWARD L. ZUPNIK
THORACIC SURGERY		
<i>Thoracic Surgeon-in-Chief</i>	{	WILLIAM L. GARLICK
<i>Thoracic Surgeons, Assistant</i>	{	FRANK A. FARAINO ⁶
	{	CALVIN Y. HADIDIAN
UROLOGY		
<i>Urologist-in-Chief</i>	{	KENNETH D. LEGGE
	{	WILFORD A. COUNCILL, JR.
	{	LEON J. FARGO
<i>Urologists, Associate</i>	{	FRANCIS W. GILLIS
	{	JOHN S. HAINES
	{	SISTER PAULA MARIE
	{	SISTER M. JACINTA
	{	T. BARLOW
	{	ELEANOR BEHR
	{	VIRGINIA BONELLI
	{	CONSTANCE CHAPMAN
	{	GERALDINE DABRZYKOWSKI
<i>Technicians, Laboratory</i>	{	JANET ESTES
	{	PATRICIA FOGARTY
	{	ELIZABETH JOHNSON
	{	JESSIE MEYERS
	{	CARMELA MICELI
	{	THERESA PAPIRI
	{	ANN ROGERS
	{	FLORESE SAMORODIN

MERCY HOSPITAL RESIDENT AND INTERN STAFF

JULY 1, 1955—JUNE 30, 1956

RESIDENT STAFF

CHARLES MCGRADY, JR., B.S., M.D.....	<i>Resident in Surgery</i>
FAUSTO M. PREZIOSO, M.D.....	<i>Associate Resident Surgeon</i>
LEONARD H. FLAX, B.S., M.D.....	<i>Sr. Asst. Resident in Surgery</i>
RICHARD E. SCHINDLER, B.S., M.D.....	<i>Sr. Asst. Resident in Surgery</i>

⁶ On leave.

MERCY HOSPITAL RESIDENT AND INTERN STAFF—*Cont'd.*

HILBERT M. LEVINE, A.B., M.D.....	<i>Jr. Asst. Resident in Surgery</i>
BEN STORER, M.D.....	<i>Jr. Asst. Resident in Surgery</i>
RAFAEL LONGO-CORDERO, B.S., M.D.....	<i>Asst. Resident in Neurosurgery</i> (July 1, 1955–October 31, 1955)
ROBERT A. MOORE, JR., A.B., M.D.....	<i>Asst. Resident in Neurosurgery</i> (November 1, 1955–Feb. 29, 1956)
WILLIAM H. SLASMAN, JR., A.B., M.D.....	<i>Asst. Resident in Neurosurgery</i> (March 1, 1956–July 1, 1956)
JACOB ZIMMERMAN, M.D.	<i>Resident in Thoracic Surgery</i>
FRANK G. KUEHN, A.B., M.D.....	<i>Resident in Medicine</i>
GEORGE H. BECK, A.B., M.D.....	<i>Sr. Asst. Resident in Medicine</i>
EDWARD W. HOFF, B.S., M.D.....	<i>Jr. Asst. Resident in Medicine</i>
DONALD A. GILLIS, B.S., M.D.....	<i>Jr. Asst. Resident in Medicine</i>
JOHN F. HARTMAN, B.S., M.D.....	<i>Jr. Asst. Resident in Medicine</i>
SAMUEL M. BRADLEY, B.S., M.D.....	<i>Jr. Asst. Resident in Medicine</i>
LOUIS L. MOULD, M.D.....	<i>Resident in Gynecology & Obstetrics</i>
GEORGE H. MILLER, B.S., M.D.....	<i>Sr. Asst. Res. in Gyn & Obs.</i>
JOHN A. SANDERS, B.S., M.D.....	<i>Sr. Asst. Res. in Gyn & Obs.</i>
O. NORMAN FORREST, JR., A.B., M.D.....	<i>Jr. Asst. Res. in Gyn & Obs.</i>
EDWARD T. HOGAN, B.S., M.D.....	<i>Jr. Asst. Res. in Gyn & Obs.</i>
GEORGE M. BAURENSCHUB, JR., B.S., M.D.....	<i>General Practice Residency</i>
JAMES A. HIGGS, JR., B.S., M.D.....	<i>General Practice Residency</i>
G. V. RAMA ROW, M.B., B.S., M.D.....	<i>Resident in Pediatrics</i>
YUNG-TSING WONG, M.D.....	<i>Assistant Resident in Pediatrics</i>
JOHN W. HEISSE, JR., A.B., M.D.....	<i>Resident in Otolaryngology</i>
ROBERTO I. LABALAN, D.M.D.....	<i>Resident in Dentistry</i>
JACINTO GOCHOCO, JR., A.A., M.D.....	<i>Resident in Pathology</i>
SANTIAGO LOMBANA, M.D.....	<i>Fellow in Thoracic Surgery</i>

ROTATING INTERNES

ALBERT M. ANTLITZ, B.S., M.D.	PAUL G. MUELLER, M.D.
JOSEPH P. C. BOGGIO, B.S., M.D.	JOSEPH T. MULLEN, A.B., M.S., M.D.
JOSEPH W. CAVALLARO, B.S., M.D.	LAWRENCE E. PIERCE, M.D.
JOHN J. DARRELL, M.D.	JOHN E. SCHANBERGER, A.B., M.D.
JOHN L. FAHEY, M.D.	LEONARD F. SMITH, A.B., M.D.
JOHN P. KELLY, B.S., M.D.	WILLIAM G. SUTLIVE, M.D.
ROBERT G. LANCASTER, B.S., M.D.	WILLIAM J. VITALE, B.S., M.D.
ANTHONY A. LEWANDOWSKI, A.B., M.D.	DONALD O. WOOD, B.S., M.D.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF

GYNECOLOGY CLINIC, <i>Chief</i>	FRANK K. MORRIS
	FRANK W. BAKER
	HARRY MCB. BECK
	ANTHONY F. DiPAULA
	CHARLES H. DOELLER, JR.
<i>Assistants</i>	WILLIAM A. DODD
	WILLIAM C. DUFFY
	VINCENT DeP. FITZPATRICK, JR.
	GERALD A. GALVIN

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

	JOHN M. PALESE
	WILLIAM J. RYSANEK, JR.
<i>Assistants</i>	WALTER K. SPELSBERG
	F. X. PAUL TINKER
	ROBERT B. TUNNEY
	JOHN F. ULLSPERGER
MEDICINE, <i>Directors of Clinics</i>	H. RAYMOND PETERS
<i>Chiefs of Clinics</i>	S. EDWIN MULLER
	SOL SMITH
	J. HOWARD BURNS
	EARL L. CHAMBERS
	EDMUND P. COFFAY ⁶
	E. ELLSWORTH COOK, JR.
	JOHN R. DAVIS, JR.
	MAURICE FELDMAN, JR.
	WILLIAM H. GRENZER
	CHARLES R. FRAVEL ⁶
	WILLIAM H. KAMMER
<i>Assistants</i>	ARTHUR KARFGIN
	FRANK T. KASIK
	ROBERT J. LYDEN
	JOHN C. OSBORNE
	JOSEPH F. PALMISANO
	J. EMMETT QUEEN
	M. KEVIN QUINN
	DONALD J. ROOP
	HARRY B. SCOTT
	MARGARET L. SHERRARD-HAMBERRY
	FREDERICK J. VOLLMER
ALLERGY CLINIC, <i>Chief</i>	S. EDWIN MULLER
ANTICOAGULANTS, <i>Medical Director of Clinic</i>	H. T. COLLENBERG
ANTICOAGULANTS, <i>Director of Clinic</i>	CHARLES E. BRAMBEL
CARDIOVASCULAR CLINIC, <i>Acting Chief</i>	HENRY J. L. MARRIOTT
<i>Assistant Chief</i>	LEON ASHMAN
DIABETIC CLINIC, <i>Chief</i>	J. SHELDON EASTLAND
<i>Assistant</i>	J. EMMETT QUEEN
DENTAL CLINIC, <i>Chief</i>	JOSEPH D. FUSCO
<i>Assistants</i>	G. ROBERT MCLEAN
	EDWARD R. STINEBERT
<i>Consultant</i>	CONRAD L. INMAN
DERMATOLOGY-SYPHILIS CLINIC, <i>Chief</i>	FRANCIS A. ELLIS
<i>Assistants</i>	EUGENE S. BERESTON
	WM. R. BUNDICK
	R. C. V. ROBINSON
GASTRO-ENTEROLOGY CLINIC, <i>Chief</i>	WM. CARL EBELING, III
<i>Associate</i>	PHILIP D. FLYNN
<i>Consultant</i>	MAURICE FELDMAN, SR.
NEUROLOGY-PSYCHIATRY CLINIC, <i>Chief</i>	PHILIP F. LERNER
<i>Associate</i>	GEORGE G. MERRILL

⁶ On leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

<i>Assistants</i>	{ JOHN C. BRICKNER
	{ JULIE FARLEY
	{ WILLIAM A. RINN
	{ FREDERICK F. WOLFF ⁶
<i>Consultant</i>	ANDREW C. GILLIS
OPHTHALMOLOGY CLINIC, <i>Chief</i>	
<i>Associates</i>	{ JOSEPH V. JEPPI
	{ FRANK A. PACIENZA
<i>Consultant</i>	M. RASKIN
OBSTETRICS CLINIC, <i>Chief</i>	JOHN J. ERWIN
	FRANK W. BAKER
	HARRY MCB. BECK
	J. BROOKE BOYLE
	WILLIAM A. DODD
	VINCENT DEP. FITZPATRICK, JR.
	WILLIAM D. GENTRY
<i>Assistants</i>	HARRY KANE
	ANTHONY F. DiPAULA
	WILLIAM J. RYSANEK, JR.
	WALTER K. SPELSBERG
	ROBERT B. TUNNEY
	F. X. PAUL TINKER
	JOHN F. ULLSPERGER
PEDIATRIC CLINIC, <i>Director</i>	FRED B. SMITH
<i>Chief of Clinic</i>	G. BOWERS MANSDORFER
	JOSEPH CORDI
	HERBERT L. ECKERT ⁶
	EDWARD L. FREY
	DAVID JOSEPHS
<i>Assistants</i>	FREDERICK HELDRICH
	MARY E. MATTHEWS
	ISRAEL T. MERANSKI
	G. WALTER SPURRIER
	EARL WEEKS
	CARLTON WICK
<i>Pediatric-Neurology</i>	ROBERT N. M. CROSBY
PHYSIOTHERAPISTS	{ LEON HANNAN
	{ ALICE R. HANNAN
RADIOLOGY	EDWARD R. DANA
SURGICAL CLINIC, <i>Director</i>	DANIEL J. PESSAGNO
SURGICAL CLINIC, <i>Chief</i>	HAROLD H. BURNS
	HAROLD P. BIEHL
	MICHAEL L. DeVINCENTIS
	WILLIAM C. DUNNIGAN ⁶
<i>Assistants</i>	FRANK A. FARAINO ⁶
	WILLIAM L. GARLICK
	CALVIN Y. HADIDIAN
	JOSEPH V. JERARDI
	F. FORD LOKER

⁶ On leave.

MERCY HOSPITAL OUTPATIENT DEPARTMENT STAFF—*Cont'd.*

	{	KIRK MOORE
	{	PATRICK C. PHELAN, JR.
	{	MELVIN F. POLEK
<i>Assistants</i>	{	JOHN F. SCHAEFER
	{	ARTHUR G. SIWINSKI
	{	I. RIDGEWAY TRIMBLE
	{	PAUL R. ZIEGLER
	{	HOWARD ZUPNIK
NEURO-SURGERY CLINIC, <i>Chief</i>	{	JAMES G. ARNOLD, JR.
	{	JOHN W. CHAMBERS
<i>Associates</i>	{	FRANK J. OTENASEK
	{	RAYMOND K. THOMPSON
<i>Assistants</i>	{	AUGUST KIEL, JR.
	{	WILLIAM H. MOSBERG, JR.
<i>Consultant</i>	{	CHARLES J. BAGLEY, JR.
ONCOLOGY CLINIC, <i>Chief</i>	{	JAMES W. NELSON ⁶
<i>Consultant</i>	{	ARTHUR G. SIWINSKI
ORTHOPEDICS CLINIC, <i>Chief</i>	{	HARRY L. ROGERS
	{	JASON H. GASKEL
<i>Associates</i>	{	ISAAC GUTMAN
<i>Assistant</i>	{	EVERETT D. JONES
OTOLARYNGOLOGY, <i>Broncho-Eosophagology Clinic,</i> <i>Chief</i>	{	THEODORE A. SCHWARTZ
	{	ROBERT Z. BERRY
	{	JAMES J. GERLACH
<i>Otolaryngologist and Bronchoesophagologist</i>	{	BENJAMIN H. ISAACS
<i>Assistants</i>	{	HARRY P. PORTER
	{	JOHN M. REHBERGER
	{	ARTHUR WARD
PLASTIC SURGERY CLINIC, <i>Chief</i>	{	EDWARD A. KITLOWSKI
<i>Assistant</i>	{	CLARENCE P. SCARBOROUGH
PROCTOLOGY CLINIC, <i>Chief</i>	{	SIMON BRAGER
<i>Assistant</i>	{	WILLIAM J. SUPIK
THORACIC SURGERY CLINIC, <i>Chief</i>	{	WILLIAM L. GARLICK
	{	FRANK A. FARAINO ⁶
<i>Assistants</i>	{	CALVIN Y. HADIDIAN
UROLOGY CLINIC, <i>Chief</i>	{	KENNETH D. LEGGE
	{	WILFORD A. COUNCILL, JR.
<i>Assistants</i>	{	L. K. FARGO
	{	FRANCIS W. GILLIS
	{	JOHN S. HAINES
OUTPATIENT DEPARTMENT, <i>Director</i>	{	SISTER MARY ANITA, R.S.M.
MEDICAL SOCIAL SERVICE, <i>Director</i>	{	SISTER MARY SCHOLASTICA, R.S.M.

MEDICAL CARE CLINIC

MERCY HOSPITAL

<i>Director</i>	S. EDWIN MULLER
<i>Assistant Director</i>	M. PATRICIA LENNON

⁶ On leave.

The Medical Care Clinic at Mercy Hospital is one of six special clinics established and conducted for the Baltimore City Health Department. These clinics were established by the Medical and Chirurgical Faculty of Maryland and the State Planning Commission. The program takes up an unmet need for the indigent.

The City Welfare Department certifies recipients of public assistance to the Health Department. The Health Department in turn, assigns recipients to one of the medical care clinics operated by local hospitals, namely—Johns Hopkins, Sinai, University of Maryland, Mercy, Provident and South Baltimore. The clinic assignments are made primarily on a geographic basis.

During the current year the Medical Care Clinic at Mercy Hospital is providing facilities for three thousand clients. It provides the eligible individual an initial physical examination, chest X-ray, bacteriological and other laboratory tests as indicated. Arrangements are also made by the Clinic to have each client register with a family physician of his or her choice selected from those Baltimore physicians who have agreed to participate in the program. The Clinic notifies the physician chosen, and sends to him a complete written report of the physical findings.

The plan gives physicians an opportunity for contacts with the personnel and diagnostic facilities of the participating hospitals. At the request of the client's physician, consultation services of the Staff at Mercy are made available. These services include Medicine, Surgery, Gynecology, Urology, Orthopedics, Dermatology, Neurology and other specialties, together with clinical laboratory facilities.

The Mercy Clinic is located on the 4th floor of the College Building. It includes a reception area, offices and examining rooms. An active personnel of Doctors, Nurses, Medical Technician and Medical Secretary are on duty from 9 A.M. to 5 P.M.

MERCY HOSPITAL OUT-PATIENT DEPARTMENT REPORT

JANUARY 1, 1954 TO JANUARY 1, 1955

	<i>Visits</i>		
	<i>New</i>	<i>Old</i>	<i>Total</i>
<i>Medical Clinics</i>			
Allergy	14	96	110
Cardiac	49	671	720
Chest	8	72	80
Diabetic	27	740	767
Gastro-Intestinal	39	189	228
Hypertensive*	28	192	220
Medicine	637	3508	4145
Neurology	105	743	848
Skin	358	820	1178
<i>Surgical Clinics</i>			
Genito-Urinary	80	237	317
Neurological Surgery	60	165	225
Orthopedics	278	537	815
Proctology	58	68	126
Surgery, General	1022	2693	3715
Surgical Follow-Up	157	547	704
<i>Other Clinics</i>			
Dental	355	456	811
Eye	366	412	778
Gynecology	427	1291	1718
Medical Care	350	0	350

MERCY HOSPITAL OUT-PATIENT DEPARTMENT REPORT—*Cont'd.*

	<i>Visits</i>		
	<i>New</i>	<i>Old</i>	<i>Total</i>
Nose and Throat	533	1028	1561
Pediatrics	666	1816	2482
Physiotherapy	24	440	464
Prenatal	376	2531	2907
Postnatal	235	1	236
Well Baby	85	298	383
Total	6,337	19,551	25,888

Average number of out-patient visits per clinic day = 102.

* Hypertensive clinic began in May, 1954.

THE BALTIMORE CITY HOSPITALS

STAFF, 1955-1956

PARKER J. McMILLIN, *Superintendent*

ANESTHESIOLOGIST, <i>Chief</i>	To be appointed
DENTAL DIVISION, <i>Chief</i>	H. GLENN WARING, D.D.S.
	L. W. BIMESTEEFER, D.D.S.
	ELPIDIO DIAZ, D.D.S.
Dental Surgeons, <i>Visiting</i>	B. MIKSINSKI, D.D.S.
	JOHN T. REILLY, D.D.S.
	MICHAEL VARIPATIS, D.D.S.
GYNECOLOGIST, <i>Chief</i>	BEVERLEY C. COMPTON, M.D.
	WILLIAM K. DIEHL, M.D.
Gynecologists, <i>Consultant</i>	EVERETT S. DIGGS, M.D.
	GERALD GALVIN, M.D.
	RAYMOND, MARKLEY, M.D.
MEDICINE, <i>Physician-in-Chief</i>	GEORGE S. MIRICK, M.D.
	DOUGLAS CARROLL, M.D.
Physicians-in-Chief, <i>Assistant</i>	FRANCIS P. CHINARD, M.D.
	HOWARD K. RATHBUN, M.D.
	JOHN G. WISWELL, M.D.
Physician, <i>Hospital—OPD</i>	ORLYN H. WOOD, M.D.
	HILTGUNT M. ZASSENHAUS, M.D.
	BARNETT BERMAN, M.D.
	ERNEST CROSS, JR., M.D.
	JOSEPH D. B. KING, M.D.
	CRAWFORD KIRKPATRICK, M.D.
	SHELDON C. KRAVITZ, M.D.
Physicians, <i>Visiting</i>	JULIUS KREVANS, M.D.
	MILTON LANDOWNE, M.D.
	LOUIS C. LASAGNA, M.D.
	DAVID LUKENS, M.D.
	THOMAS VAN METRE, M.D.
	WILLIAM G. SPEED, III, M.D.
	JULIUS WAGHELSTEIN, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

	CHARLES ADAMS, M.D.
	ROGER L. BLACK, M.D.
	FRANCES BORGES, M.D.
	STANLEY COHEN, M.D.
	WILLIAM A. FEARING, M.D.
	SAMUEL LEGUM, M.D.
	RAYMOND LIU, M.D.
<i>Physicians, Assistant Visiting—OPD</i>	JOSEPH M. L. MARRIOTT, M.D.
	ANNE B. MCKUSICK, M.D.
	ROBERT A. REITER, M.D.
	AUBREY RICHARDSON, M.D.
	SIDNEY SCHERLIS, M.D.
	KYLE SWISHER, M.D.
	PHILIP WHITTLESBY, M.D.
	DANIEL WILFSON, M.D.
	JOSEPH B. WORKMAN, M.D.
<i>Physicians, Assistant Visiting—USPHS</i>	SAUL BAKER, M.D.
	GEORGE GAFFNEY, M.D.
	JOSEPH FALSONE, M.D.
	FELIX SILVERSTONE, M.D.
	WARDE B. ALLEN, M.D.
	C. HOLMES BOYD, M.D.
	JOSEPH BUNIM, M.D.
	C. LOCKARD CONLEY, M.D.
	A. MURRAY FISHER, M.D.
<i>Physicians, Consulting</i>	A. M. HARVEY, M.D.
	JOHN E. HOWARD, M.D.
	JOHN T. KING, M.D.
	L. A. M. KRAUSE, M.D.
	JOSEPH LILIENTHAL, M.D.
	THEODORE WOODWARD, M.D.
<i>Dermatologist, Consulting</i>	RAYMOND C. V. ROBINSON, M.D.
<i>Neurologists, Consulting</i>	FRANK FORD, M.D.
	THOMAS VAN BUSBIRK, M.D.
<i>Neurologist, Visiting</i>	J. W. MAGLADERY, M.D.
	DAVID B. CLARK, M.D.
<i>Neurologists, Assistant Visiting</i>	CHARLES LUTTRELL, M.D.
	ROBERT TEASDALL, M.D.
<i>Physicists, Consulting</i>	THEODORE ENNS, M.D.
	WILLIAM R. MILNOR, M.D.
<i>Physiologist (USPHS)</i>	NATHAN W. SHOCK, PhD.
<i>Psychiatrist, Visiting</i>	THEODORE M. FELDBERG, M.D.
<i>Psychiatrist, Assistant Visiting</i>	JOHN B. IMBODEN, M.D.
<i>Obstetrician, Visiting</i>	J. MORRIS REESE, M.D.
	GEORGE W. ANDERSON, M.D.
	GEORGE CORNER, M.D.
	J. WILLIAM DORMAN, M.D.
<i>Obstetricians, Assistant Visiting</i>	LOUIS C. GAREIS, M.D.
	WILLIAM GENTRY, M.D.
	D. FRANK KALTREIDER, M.D.
	JOHN SAVAGE, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

PATHOLOGIST, <i>Chief</i>	ABOU D. POLLACK, M.D.
<i>Pathologist, Associate Chief</i>	DONALD D. MARK, M.D.
<i>Neuropathologist, Visiting</i>	JOHN WAGNER, M.D.
PEDIATRICIAN-IN-CHIEF	HAROLD E. HARRISON, M.D.
<i>Pediatrician-in-Chief, Assistant</i>	LAURENCE FINBERG, M.D.
<i>Pediatrics, Hospital Physician in</i>	JAMES CHISOLM, JR., M.D.
<i>Pediatrician, Consultant in Cardiology</i>	HELEN TAUSSING, M.D.
	EUGENE KAPLAN, M.D.
	MILTON MARKOWITZ, M.D.
<i>Pediatricians, Visiting</i>	ANTHONY PERLMAN, M.D.
	TALMADGE PINKNEY, M.D.
	ARNOLD TRAMER, M.D.
RADIOLOGIST, <i>Chief</i>	JOHN DECARLO, M.D.
<i>Radiologists, Visiting</i>	NATHAN HYMAN, M.D.
	PHILIP MYERS, M.D.
SURGEON-IN-CHIEF	OTTO C. BRANTIGAN, M.D.
	THURSTON ADAMS, M.D.
<i>Surgeons, Consulting</i>	HARRY C. BOWIE, M.D.
	AMOS KOONTZ, M.D.
	I. RIDGEWAY TRIMBLE, M.D.
	DONALD HEBB, M.D.
<i>Surgeons, Visiting</i>	WILLIAM LYNN, M.D.
	JOSEPH MILLER, M.D.
	JAMES C. OWINGS, M.D.
<i>Gastro-enterology, Consultant in</i>	WILLIAM EBELING, M.D.
<i>Hand Surgery, Consultant in</i>	RAYMOND CURTIS, M.D.
<i>Neuro-Surgery, Consultant (Honorary)</i>	CHARLES BAGLEY, M.D.
	JAMES G. ARNOLD, M.D.
<i>Neuro-Surgery, Consultants</i>	RICHARD COBLENTZ, M.D.
	R. K. THOMPSON, M.D.
	ROBERT M. N. CROSBY, M.D.
<i>Neuro-Surgeons, Visiting</i>	AUGUST KIEL, M.D.
	WILLIAM MOSBERG, M.D.
<i>Oncologist, Visiting</i>	ARTHUR SIWINSKI, M.D.
<i>Ophthalmologist, Visiting</i>	WILLIAM MARR, M.D.
<i>Orthopedic Surgery, Consultant in</i>	ALLEN VOSHELL, M.D.
	ISAAC GUTMAN, M.D.
<i>Orthopedic Surgeons, Visiting</i>	JOHN TANSEY, M.D.
	MILTON J. WILDER, M.D.
	JOHN BORDLEY, M.D.
<i>Otolaryngology, Consultants in</i>	FRED KYPER, M.D.
	ALFRED LIEBERMAN, M.D.
<i>Otolaryngologist, Visiting</i>	ALVIN WENGER, M.D.
<i>Peripheral Vascular Diseases, Consultant in</i>	GEORGE YEAGER, M.D.
<i>Plastic Surgery, Consultant in</i>	CLARENCE P. SCARBOROUGH, M.D.
<i>Proctology, Consultant in</i>	MONTE EDWARDS, M.D.
<i>Thoracic Surgery, Consultant in</i>	WILLIAM GARLICK, M.D.
<i>Thoracic Surgeons, Visiting</i>	CALVIN HADIDIAN, M.D.
	ELLIOTT MICHELSON, M.D.
<i>Traumatic Surgery, Consultant in</i>	C. A. REIFSCHNEIDER, M.D.

BALTIMORE CITY HOSPITAL STAFF—*Cont'd.*

<i>Urologists, Consultants in</i>	{ HUGH JEWETT, M.D. HOWARD B. MAYS, M.D. JOHN D. YOUNG, M.D.
<i>Urologists, Visiting</i>	{ JOHN HOGAN, M.D. HERMAN J. MEISEL, M.D.
TUBERCULOSIS, <i>Physician-in-Chief</i>	EDMUND G. BEACHAM, M.D.
<i>Physicians, Hospital</i>	{ MUTLU ATAGUN, M.D. HERMAN SCHAERF, M.D. SAMUEL SEGAL, M.D.
<i>Physician, Visiting—Tbc (Honorary)</i>	H. VERNON LANGELOTTIG, M.D.
<i>Physicians, Visiting—Tbc</i>	{ JOHN HIRSCHFELD, M.D. M. W. JACOBSON, M.D.
<i>Psychiatrists, Visiting—Tbc</i>	{ RICHARD H. DOSS, M.D. WILLIAM H. EDWARDS, JR., M.D.

BALTIMORE CITY HOSPITALS

RESIDENT AND INTERNE STAFF, 1955-1956

ANESTHESIOLOGY

Resident, 1st Assistant..... LOURDES AGUTO

DENTAL

Resident..... ALEJANDRO CUNANAN

Interne..... BAHMAN KHALKALI

GYNECOLOGY

Resident..... YVES BOENNEC

Assistant Residents..... { BERNARD DAVIS
SEVERIN GOLOJUCH
MANUEL ROCHA

MEDICINE

Resident..... GORDON CADER

Assistant Resident—(Neuro)..... EIJIRO SATOYOSHI

Assistant Residents..... { PERRY AUSTIN
BERNARD A. COOPER
WORTH DANIELS
MASON F. LORD

Assistant Residents..... { DAVID N. MARINE
ERIDA L. REICHERT
GERALD WEINTRAUB
DONALD WEIR
E. HUNTER WILSON
NELSON G. GOODMAN

Jr. Assistant Residents..... { JOHN KUKRAL
MARK C. LEVINE
DOUGLAS B. BELL
ERIC V. EISNER
MICHAEL M. GEDULDIG

Interns..... { DONALD LABRECQUE
CONSTANCE S. PITTMAN
FRANK C. SCHWALBE
FERNANDO VESCIA

BALTIMORE CITY HOSPITAL RESIDENT AND INTERN STAFF—*Cont'd.*

OBSTETRICS

<i>Resident</i>	GUILLERMA NAVAL
<i>Assistant Residents</i>	{ HENRY ALDIS
	{ RAFAEL GARCIA
	{ TALAT AKYUZ
	{ JOSE CABARROCAS
	{ MARIA T. GATUE
<i>Jr. Assistant Residents</i>	{ CHEN YEN KAU
	{ YONG KUN PAK
	{ ANTONIO PALLADINO
	{ CHIUNG YIN YAUG

PATHOLOGY

<i>Resident</i>	OSCAR EGUIA
<i>Jr. Assistant Residents</i>	{ FREDERIK BONEBAKKER
	{ CLEOPATRA PAPASSARA
	{ MORIHISA YAMAGISHI

PEDIATRICS

<i>Resident</i>	CARL BRANNAN
<i>Assistant Residents</i>	{ M. KATHLEEN CARNEY—from 1/1
	{ HANNELORE HEINEBERG
	{ MEHDI MACKIA
<i>Jr. Assistant Residents</i>	{ M. KATHLEEN CARNEY—to 12/31
	{ LORRAINE COUTURE
	{ YAHYA BERKMAN
<i>Internes</i>	{ THOMAS DRAPER
	{ RONALD STRAIR

RADIOLOGY

<i>Resident</i>	JAYKER PANDYA
<i>Jr. Assistant Resident</i>	DOGAN KIZILAY

SURGERY

<i>Resident</i>	FREDERICK PANICO
<i>1st Assistant Residents</i>	{ FERNANDO ALONSO-LEJ
	{ WILLIAM KESSLER
	{ ENRIQUE PALACIOS
<i>1st Assistant Resident—Urology</i>	GEORGE PIPIS
<i>1st Assistant Resident—E.N.T.</i>	GABRIEL TUCKER
<i>2nd Assistant Residents</i>	{ ALBERT BENSIMOL
	{ FELICIEN STEICHEN
	{ HERBERT V. SWINDELL
	{ RAFAEL LONGO-CORDERO
<i>2nd Assistant Residents—Neuro</i>	{ ROBERT MOORE
	{ WILLIAM SLASMAN
<i>2nd Assistant Resident—Thoracic</i>	JACOB ZIMMERMAN
<i>Fellow in Thoracic Surgery</i>	SANTIAGO LOMBANA
<i>2nd Assistant Residents—Ophthal.</i>	{ JAMES B. NAIL—to 12/31/55
	{ CHARLES HEDGES—from 1/1/56
	{ DALE BERNTSON
	{ AUTORIO BOBA
<i>Jr. Assistant Residents</i>	{ PAUL CHANG
	{ FARUK IDRIS
	{ FREDERICO LUNA
	{ MALEK SHEIBANI—from 10/1/55

BALTIMORE CITY HOSPITAL RESIDENT AND INTERN STAFF—*Cont'd.*

TUBERCULOSIS

Resident..... EVA MANNHEIM*Assistant Resident*..... CHUNG S. PARK*Jr. Assistant Resident*..... HARI NATH PAL

ROTATING INTERNES.....

{ DAVID BARCLAY

{ DENNIS FARRELL

{ JAMES FROESCHLE

{ JOHN HINTON

{ MARY MUNCH

{ POLISOES POLIZOS

{ MACKENZIE SMITH

THE JAMES LAWRENCE KERNAN HOSPITAL AND
INDUSTRIAL SCHOOL OF MARYLAND FOR
CRIPPLED CHILDREN

STAFF, 1955-1956

Surgeon-in-Chief and Medical Director..... ALLEN FISKE VOSHELL, A.B., M.D.

{ MOSES GELLMAN, B.S., M.D.

{ HARRY L. ROGERS, M.D.

{ HENRY F. ULLRICH, M.D.

{ WINTHROP M. PHELPS, A.B., M.D.

Associate Orthopaedic Surgeons.....

{ MILTON J. WILDER, M.D.

{ DAVID L. FILTZER, M.D.

{ JAMES P. MILLER, M.D.

{ ROBERT C. ABRAMS, M.D.

{ ISAAC A. GUTMAN, M.D.

{ JOHN J. TANSEY, M.D.

Roentgenologist.....

{ EVERETT D. JONES, M.D.

{ JOHN DE CARLO, JR., M.D.

Plastic Surgeon.....

EDWARD A. KITLOWSKI, A.B., M.D.

Aurist and Laryngologist.....

BENJAMIN S. RICH, A.B., M.D.

Dentist.....

M. E. COBERTH, D.D.S.

Cardiologist.....

HELEN M. TAUSSIG, M.D.

Pediatrist.....

MELCHIJAH SPRAGINS, M.D.

Consulting Surgeon.....

CHARLES REID EDWARDS, A.B., M.D.

Consulting Neurological Surgeon.....

CHARLES BAGLEY, JR., M.A., M.D.

Consulting Dermatologists.....

{ HARRY M. ROBINSON, SR., M.D.

{ LEON GINSBURG, M.D.

Consulting Neurologists.....

{ IRVING J. SPEAR, M.D.

{ R. V. SELIGER, M.D.

Consulting Pediatricists.....

{ BENJAMIN TAPPAN, A.B., M.D.

{ J. EDMUND BRADLEY, M.D.

Consulting Pathologist.....

HUGH R. SPENCER, M.D.

Consulting Roentgenologist.....

HENRY J. WALTON, M.D.

Resident Orthopaedic Surgeon.....

{ ELI M. LIPPMAN, M.D.

{ RALPH A. REILLY, M.D.

KERNAN HOSPITAL STAFF—*Cont'd.*

<i>Superintendent</i>	MISS MAUD M. GARDNER, R.N.
<i>Dispensary and Social Service Nurse</i>	MRS. EVELYN BYRD ZAPP, R.N.
<i>X-ray Technicians</i>	{ MISS NANCY R. BUTLER
	{ MISS JULIA A. COLLINS
	{ MRS. GEORGIANA WISONG
<i>Physical Therapists</i>	WILLIAM NEILL, III
<i>Instructor in Grammar School</i>	MISS BERTHA SENDELBACK

HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged in faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds in the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by the name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum, and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the office of the Dean, Room 101, the office of the Committee on Admissions, Room 102, two lecture halls, the faculty room and office of the assistant business manager.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers 35,000 volumes and several thousand pamphlets and reprints. Over four hundred of the leading medical journals, both foreign and domestic, are received regularly. The library is housed in Davidge Hall, in close proximity to classrooms and laboratories, and is open daily for the use of members of the faculty, the student body and the profession generally. Libraries pertaining to particular phases of medicine are maintained by several departments of the medical school.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

OUT PATIENT DEPARTMENT

The Out Patient Department is located on the S.W. corner of Lombard and Greene Streets. The building was originally the University Hospital. It has been remodeled to provide space and facilities for more than thirty clinics, the departments of X-ray, a Pharmacy, Laboratory and other ancillary services. Admission policies are predicated upon the teaching requirements of the School of Medicine and the ward services of the University Hospital.

A close liaison is maintained with the City Health Department through the joint efforts of the University Hospital and the City Department of Health in maintaining the Well Baby Clinic, the Western Health District and the Medical Care Clinic, which are housed in the Out Patient Department building.

The Department of Art and the Department of Dental Anatomy also have quarters in the Out Patient Department building.

UNIVERSITY HOSPITAL

The University Hospital, which is a Department of the University of Maryland is the oldest institution for the care of the sick in the State of Maryland. It was opened in September 1823 under the name of the Baltimore Infirmary and at that time consisted of only four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the new University Hospital Building was erected. It has a capacity of 435 beds and 65 bassinets. In 1952-1953 an ultra-modern Psychiatric Institute Building was erected and a junctional wing was added to the general hospital. The new additions increased the hospital bed capacity to 659 beds and 70 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, psychiatry and the various medical and surgical specialties. Three hundred and forty-two are for ward patients.

The new hospital buildings are situated at the southwest corner of Redwood & Greene Streets opposite the medical school buildings. The students, therefore, are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the University Hospital. The hospital as planned, makes a particularly attractive teaching unit and is a very valuable addition to the clinical teaching facilities of the medical school.

Most of the Ancillary Services are located on the second floor of the Hospital. The north wing is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and an especially well appointed laboratory for students' training. The south wing provides space for electro-cardiographic and basal metabolism departments, with oxygen therapy cubicles. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The Emergency Service of the hospital receives and treats a large number of emergency cases because of its proximity to the largest manufacturing and shipping districts of the city. During the past fiscal year a total of 27,839 patients were treated in the Emergency Room.

The Out Patient Department of the University Hospital is a well organized teaching area. Over 100,000 visits to the various clinics of the Out Patient Department were made during the last fiscal year. Junior medical students are assigned during one-third of the school year in the departments of medicine and surgery in the Out Patient Clinic. Senior students are assigned to the various special departments and clinics.

THE PSYCHIATRIC INSTITUTE

The Psychiatric Institute of the University was opened for the care of patients in 1953. It is a six-story building connected directly with the University Hospital, of which it is an integral part. It houses the Department of Psychiatry of the Medical School. The upper three floors of the building are reserved for the treatment and care of 100 in-patients. The out-patient unit, which includes the child guidance clinic and adult psychiatric clinics, occupies the three lower floors. Clinical and research laboratories are located in the first and second floors of the connecting wing. There is a lecture hall and a large study library on the first floor.

Each of the upper floors is arranged into two wards with dining rooms next to a central kitchen for each ward. A nurses' station is in the center of each floor allowing ready visibility and access to the rooms along the corridors. The third and fourth floors are used for disturbed patients.

Facilities are available to treat patients in every phase of psychiatric illness and rehabilitation. Rooms are available for the care of patients in the acutely disturbed

phase of their illness. There are small units for various types of shock treatments and for hydrotherapy situated on and adjacent to the disturbed wards.

Recreational facilities are available for adults and children in a large auditorium and gymnasium on the seventh floor which lead to an enclosed roof. A large playground is available to in-patients and out-patients alike.

The lower three floors of the building are used for the child guidance clinic and for out-patients. There are 63 offices available to physicians, nurses, psychologists and social workers; also available are five large waiting rooms and three conference rooms. Eleven offices are adjacent to the wards and fourteen offices can be used for both in-patients and clinic patients. Sixteen offices have microphone outlets so physicians can make recordings for study. A library of recordings is near the main library where students can listen to recorded interviews.

Space is provided for clinical and research laboratories. EEG connections are available to several laboratories. Three clinical laboratories, a psychological laboratory and a neuro-physiological laboratory are in the connecting wing between the psychiatric unit and the general hospital. These are available for purposes of diagnosis, treatment and research.

MERCY HOSPITAL

Mercy Hospital traces its history back to the foundation of the Washington School of Medicine in 1824. In 1872 some of the members of this institution founded a new school, which was the beginning of the College of Physicians and Surgeons of Baltimore.

Washington School of Medicine opened a dispensary and a small hospital at the corner of Saratoga and Calvert Streets and named it the Baltimore City Hospital. This building served both as a hospital and a medical school. In 1874 the Sisters of Mercy, upon the invitation of Washington School of Medicine, assumed responsibility for the Nursing Services of the hospital. In 1876, Washington University merged with the College of Physicians and Surgeons.

In 1888 the Sisters of Mercy with the assistance of the Faculty of the College of Physicians and Surgeons laid the cornerstone of the present hospital. Since then the growing demands for more space have compelled the erection of addition after addition until now it accommodates 356 patients.

In 1909 the name of the Baltimore City Hospital was changed to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the University of Maryland School of Medicine and College of Physicians and Surgeons. One hundred ninety-three beds are allotted for teaching purposes.

During the year ending December 31, 1954, there were 13,087 general admissions, 25,888 dispensary visits, 2,544 obstetrical deliveries, and 14,330 emergency visits in the Accident Department.

Mercy Hospital founded its School of Medical Technology in 1928. It was officially approved in 1933 making it the first approved School of Medical Technology in the city. It is also approved by the Council of Medical Education and Hospitals of the American Society of Clinical Pathologists.

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 420 beds, 80 bassinets.

The Hospital for Chronic Cases, 500 beds.

The Hospital for Tuberculosis, 440 beds.

Infirmary (Home for Aged) 425 beds.

Out Patient Department.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in closest affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1953 the out-patient visits numbered 22,434.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

LUTHERAN HOSPITAL OF MARYLAND INC.

The Lutheran Hospital of Maryland Inc., originally organized in 1923 as the West Baltimore General Hospital, is a general hospital of 191 adult beds and 43

bassinets, located in the western section of the city. The hospital became an affiliate of the School of Medicine in 1953.

The Lutheran Hospital of Maryland offers an academic postgraduate program in the major specialties of medicine, surgery, gynecology, and obstetrics, being fully approved by the respective American Boards. A postgraduate teaching program of lectures and clinics is an integral part of the residency training. The hospital provides modern laboratory and library facilities, particularly adapted to postgraduate medical education. An adequate clinical service is maintained for training in the medical and surgical specialties. All academic programs are under the supervision of a Director of House Officer Training.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION FOR ADMISSION

When to apply:

Applications must be filed during the period from September 15 to January 15 for the subsequent September class.

Where to apply:

Requests for application forms should be sent to the Committee on Admissions, School of Medicine, University of Maryland, 522 West Lombard Street, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second- and third-year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are.

- (a) Graduation from an approved secondary school, or the awarding of a high school equivalency certificate by a state or county board of public education, and
- (b) Three academic years of acceptable college credit, exclusive of physical education and military sciences, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. The quantity and quality of this course of study shall be equivalent to that required for recommendation by the institution where the college courses are being, or have been, pursued.
- (c) The following courses and credits in required basic subjects must be completed by June of the year the applicant desires to be admitted:

	<i>Semester hours</i>	<i>Quarter hours</i>
General biology or zoology	*(6) 8	*(9) 12
Inorganic chemistry	*(6) 8	*(9) 12
Organic chemistry	6-8	9-12
† Quantitative chemistry	4	6
General physics	*(6) 8	*(9) 12
English	6	9
Modern language (German, French, Spanish) . .	6	9

* Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

† Effective for admission September 1957 and thereafter.

- (d) The total semester-hour or quarter-hour credits presented must be equivalent in quantity and quality to three-fourths of the credit requirement for graduation by the recommending institution, exclusive of courses in physical education and military sciences.

Applicants who are unable to complete these requirements by June of the year admission is desired, will be considered contingent on places being available, provided all basic required courses and credits shall have been absolved by June as indicated in (c) above.

- (e) Students will not be admitted who have unabsolved conditions or failures in college courses.

Elective courses should be selected from the following three groups. Highly desirable courses are shown in bold face type.

<i>Humanities</i>	<i>Natural Sciences</i>	<i>Social Sciences</i>
English (an advanced course in English composition should be taken, if possible)	Vertebrate Embryology	Economics
Scientific German or French (A reading knowledge of either language is desirable, although German is preferred)	Comparative Vertebrate Anatomy	History
Philosophy	Quantitative Analysis	Political Science
	Physical Chemistry	Psychology (a general course is desirable)
	Mathematics	Sociology, etc.

Careful attention should be given the selection of elective courses in the natural sciences. It is suggested that the elective list given herewith be used as a guide. The remainder of college credits should be accumulated from courses designed to promote a broad cultural development. Thirty six semester hours in the humanities and social sciences are recommended in a three-year college course. Students should avoid taking courses in college which are included in the medical curriculum, for example histology, human anatomy, bacteriology, physiology, neurology and physiological chemistry.

It is not intended that these suggestions be interpreted as restrictions upon the education of students who manifest an aptitude for the natural sciences or as

limitations upon the development of students who plan to follow research work in the field of medicine.

In accepting candidates for admission, preference will be given to those applicants who have acceptable scholastic records in secondary school and college, satisfactory scores in the Medical College Admission Test, given in May each year, favorable letters of recommendation from their premedical committees, or from one instructor in each of the departments of biology, chemistry, and physics, and who in other respects give promise of becoming successful students and physicians of high standing.

Those candidates for admission who are permanently accepted will receive a certificate of matriculation from the office of the Dean.

COMBINED COURSE IN ARTS AND SCIENCES AND MEDICINE

A combined seven years' curriculum leading to the degrees of Bachelor of Science and Doctor of Medicine is offered by the University of Maryland. The first three years are taken in residence in the College of Arts and Sciences at College Park, and the last four years in the School of Medicine in Baltimore. (See University catalogue for details of quantitative and qualitative college course requirements.)

If a candidate for the combined degree completes the work of the first year in the School of Medicine with an average of C or better without failures, and if he has absolved the quantitative and qualitative college requirements set up by the University, he is eligible to recommendation by the Dean of the School of Medicine that the degree of Bachelor of Science be conferred.

Because the general commencement usually takes place before the School of Medicine is prepared to release grades of the first-year class, this combined degree of Bachelor of Science is conferred at the commencement following the candidate's second year of residence in the School of Medicine.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department, Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of the State by maintaining such residence for at least one full year. However, the right of the minor students to change from a non-resident to resident status must be established by him prior to the registration period for any semester.

Adult students are considered to be resident if at the time of their registration they have been domiciled in this State for at least one year provided such residence has not been acquired while attending any school or college in Maryland or elsewhere.

The word domicile as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

CURRENT FEES

Application fee.....	\$7.50
Matriculation fee (paid once).....	10.00
Tuition fee (each year)—Residents of Maryland.....	650.00
Tuition fee (each year)—Non-Residents.....	800.00
Laboratory fee (each year).....	25.00
Student health service fee (each year).....	30.00
Student activities and service fee (each year).....	20.00
†Lodging and meals fee.....	20.00
Graduation fee.....	15.00
Re-examination fee (each subject).....	5 00
Transcript fee to graduates. First copy gratis, single copies thereafter..	1 00
Late registration fee.....	5 00

† Senior Students will be billed for this fee, covering lodging and meals for a two-week period while on obstetrical service at Baltimore City Hospitals. **This fee must be paid by all senior students** whether or not they serve during the previous summer or during the academic year.

RULES FOR PAYMENT OF FEES

No fees are returnable.

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of \$10.00 and of a deposit on tuition of \$50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This remittance will be credited upon registration to the first semester charges. In the event of withdrawal before regis-

tration the \$10.00 matriculation fee will be retained by the School of Medicine and the \$ 50.00 advance deposit will be returned on request.

Registration.—All students, after proper certification, are required to register at the business office, Gray Laboratory. All students are expected to complete their registration, including the payment of bills prior to or on regular registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

One-half of the tuition fee and all of the following—the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of \$5.00 will be added.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance on classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible to reexaminations must pay the business office \$5.00 for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes and provides photographs for identification for all school purposes, including state boards. It supports the activities of the Student Council. A portion (\$5) of this fee provides a year-book for each medical student.

STUDENT HEALTH SERVICE

JAMES R. KARNs, M.D..... Director, Student Health Service.

The Medical School has made provision for the systematic care of undergraduate medical students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.

2. *Medical Attention*—Students in need of medical attention will be seen by the director, Dr. James R. Karns, in his office on the 8th floor University Hospital

at 12 m. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.

3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.

4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.

5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine. Long study hours bring out unsuspected eye defects which cause loss of time and inefficiency in study if not corrected before school work is under way.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient.

GRADING SYSTEM

Official grades are designated by these symbols:

<i>Symbol</i>	<i>Scholarship</i>	<i>Numerical Equivalent</i>
A	Superior	93-100
B	Good	87- 92
C	Fair	80- 86
D	Passing	75- 79
F	Failure	Below 75
I	Incomplete	—
WF	Withdrew, failing	—

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.

2. No student will be permitted to advance with unabsolved failures.

3. An average of C or better without failures in the year most recently completed is required for advancement to junior and senior standing and for graduation.

4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.

5. A student who has failures in two completed major subjects will be dropped from the rolls.

6. Students are required to attend all scheduled classes.

7. Should a student be required to repeat any year in any course, he must pay regular fees.

8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.

9. The general fitness of a candidate for advancement and for graduation as well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must provide themselves with microscopes of a satisfactory type equipped with a mechanical stage and a substage lamp. Also, each freshman must possess a complete set of dissecting instruments and for the second semester each first year student must provide himself with a stethoscope, sphygmomanometer, ophthalmoscope and otoscope.

A standard microscope made by Bausch & Lomb, Leitz, Zeiss or Spencer fitted with the following attachments, meets the requirements.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.

4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.

1.8 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.

Oculars: 10x and 5x. Huygenian eyepieces.

Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 125 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror-plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used or odd-lot microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard haemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by the Division of Microscopic Anatomy. Microscopes to be inspected should be brought to Room 209 second floor Bressler Research Laboratory, 29 S. Greene Street before September 10. This inspection is not usually made during August.

11. Students in the second year class are required to provide themselves with a haemocytometer. Third and fourth year students are required to provide themselves with short white lapel coats. Three button, 8 ounce sanforized duck are satisfactory.

STATE QUALIFYING CERTIFICATES

12. Candidates for admission who live in or expect to practice medicine in Pennsylvania or New Jersey should apply to their respective State Boards of Education for Medical Student Qualifying Certificates. These certificates should be filed with the Committee on Admissions. Candidates from New York must have completed at least two years of approved liberal arts study including courses of 6 semester hours of English, 6 hours of Biology or Zoology, 6 hours of Physics, 6 hours of General Chemistry and 3 hours of Organic Chemistry in order to be eligible for admission to the medical licensing examination in New York.

13. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined under a cycloplegic and are in condition. with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

14. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

- a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.
- b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.
- c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

COST OF TRANSCRIPTS

15. Graduates will receive the first transcript of record without charge. After the first copy has been issued single copies will cost one dollar. When two or more copies are requested at the same time the first copy will cost one dollar, additional copies fifty cents each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, 522 West Lombard Street, Baltimore-1, Maryland.

CHANGE OF ADDRESS

16. Students are required to give the Dean's Office prompt notice of change in address.

PARKING

17. Students are not permitted to use the university parking lots.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(4 p.m.-12:30 a.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person. Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD
EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office

appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

<i>Period elapsed after instruction begins.</i>	<i>Percentage refundable</i>
Two weeks or less.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%
After five weeks.....	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of \$25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value \$100.00 each)

A certificate of proficiency and a prize of \$100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically reawarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they must be filed not later than May 15th for the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value \$100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value \$100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value \$100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP
(Value \$125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Advisory Board that he is worthy of and in need of assistance.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS
(Value \$300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event the recipient is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP
(Value \$150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP
(Value \$250.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately \$250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of \$500.00 is now available to cover two (2) scholarships in the amount of \$250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Committees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907 and a gift of Dr. Frank A. Merlino, Class 1928. Loans will be made on the basis of need, character, and scholastic ability.

THE EDWARD L. MEIERHOF LOAN FUND

This bequest was established through a grant from Dr. Edward L. Meierhof, who was graduated from the Medical School in 1881. The principal of this fund will be used as a rotating loan fund from which loans will be made to regularly enrolled students of the School of Medicine on the basis of need, character and scholastic attainment.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of \$100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the dean of the School of Medicine award a loan of \$100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE WILLIAM AND SARAH KRAUT MEMORIAL STUDENT LOAN FUND

This loan fund was established in 1954 by a gift from Dr. Arthur M. Kraut as an expression of his appreciation for what the School of Medicine has meant to him and as a memorial to his parents.

The Scholarship and Loan Committee of the School of Medicine shall be the sole and final judge in matters of administration and operation of the fund.

Loans from the fund and the terms of repayment are unrestricted and are left to the discretion of the committee.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under sixteen departments.

1. Anesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Biological Chemistry.
4. Gynecology.
5. Medicine (including Medical Specialties).
6. Microbiology.
7. Obstetrics.
8. Ophthalmology.
9. Pathology.
10. Pediatrics.
11. Pharmacology.
12. Physiology.
13. Preventive Medicine and Rehabilitation.
14. Psychiatry.
15. Radiology.
16. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

ANESTHESIOLOGY

ROBERT B. DODD.....	Professor of Anesthesiology and Head of the Department
ALFRED T. NELSON.....	Clinical Professor of Anesthesiology
PAUL R. HACKETT.....	Associate Professor of Anesthesiology
OTTO C. PHILLIPS.....	Clinical Assistant Professor of Anesthesiology
HOWARD S. LIANG.....	Instructor in Anesthesiology
CHARLES F. HOBELMAN.....	Clinical Instructor in Anesthesiology
THEODORE E. STACY, JR.....	Clinical Instructor in Anesthesiology
LEONARD J. ABRAMOVITZ.....	Clinical Instructor in Anesthesiology
WALTER H. LEVY.....	Clinical Instructor in Anesthesiology
ELIZABETH Y. PAHK.....	Clinical Instructor in Anesthesiology

During the pre-clinical years and the third year, the department of Anesthesiology presents guest lectures. These lectures are intended to show the application of basic sciences to the clinical practice of anesthesiology and how the various facets of the clinical entity under discussion affect the choice of pre-anesthetic medication, the anesthetic agent and the technique to be employed.

Fourth Year—Each senior student will spend a week, or its time equivalent, in the operating rooms of University Hospital observing and administering anesthesia. Informal group meetings emphasize factors affecting the anesthetic management of patients observed and discuss the more common anesthetic problems of general practice.

ANATOMY

Gross Anatomy

FRANK H. J. FIGGE	Professor of Anatomy and Head of Department
EDUARD UHLENHUTH	Research Professor of Anatomy
WALLE J. H. NAUTA	Professor of Anatomy
VERNON E. KRAHL	Associate Professor of Anatomy
H. PATTERSON MACK	Assistant Professor of Anatomy
KARL F. MECH	Assistant Professor of Anatomy
THEODORE F. LEVEQUE	Assistant Professor of Anatomy
ROBERT E. McCAFFERTY	Instructor in Anatomy
GLADYS E. WADSWORTH	Instructor in Anatomy

Surgical Anatomy

OTTO C. BRANTIGAN	Professor of Surgical Anatomy
W. WALLACE WALKER	Associate Professor of Surgical Anatomy
WILLIAM B. SETTLE	Assistant Professor of Surgical Anatomy
HERBERT E. REIFSCHNEIDER	Associate in Surgical Anatomy
HARRY C. BOWIE	Associate in Surgical Anatomy
ROSS Z. PIERPONT	Associate in Surgical Anatomy

GROSS ANATOMY. *First year.* First semester. This course will give the student an opportunity to develop a basic concept of the Gross Anatomy and Gross Physiology of the human body as a prerequisite for other basic science and clinical subjects. It will be closely interwoven with the study of Neuroanatomy, Histology, and Embryology. The entire human body will be dissected. The central nervous system dissection and study will, however, be carried out during the time scheduled for Neuroanatomy. 240 hours.

HISTOLOGY AND EMBRYOLOGY. *First Year.* First Semester. The Microscopic Structure of the Organs, Tissues and Cells of the Human Body.

This course will present an integrated study of the histology and embryology of the human body.

An attempt will be made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis will be placed on the dynamic and functional aspects of the subject. 135 hours.

NEUROANATOMY. *First Year.* First Semester. The Central Nervous System. The study of the detailed anatomy of the central nervous system will be coordinated with the structure and function of the entire nervous system. This study will

require the dissection of a human brain and the examination of stained microscopic sections of various levels of the brain stem. 90 hours.

SURGICAL ANATOMY. *Second Year.* Second Semester. Applied Clinical and Surgical Anatomy. The course is designed to bridge the gap between abstract anatomy and clinical anatomy as applied to the study and practice of medicine and surgery. The study of surface anatomy is correlated with physical diagnosis. The students have an opportunity to do a detailed anatomical dissection with emphasis upon clinical application. 96 hours. Dr. Brantigan and Staff.

GRADUATE AND POSTGRADUATE COURSES. Consult the general catalog or Graduate School catalog of the University of Maryland for descriptions of these courses.

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE Associate Professor of Art as Applied to Medicine
 THOMAS M. STEVENSON, JR. Junior Instructor in Art as Applied to Medicine
 JANE L. BLEAKLEY Assistant in Art as Applied to Medicine
 GARNET E. AFFLECK, JR. Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. This also includes the preparation of illustrations for use in public relations, drawings, paintings, photography, cinematography, lithography and moulage. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

BIOLOGICAL CHEMISTRY

EMIL G. SCHMIDT Professor of Biological Chemistry and Head of the Department
 EDWARD J. HERBST Associate Professor of Biological Chemistry
 RAYMOND E. VANDERLINDE Associate Professor of Biological Chemistry
 WILLIAM H. SUMMERSON Lecturer in Biological Chemistry
 ANN VIRGINIA BROWN Instructor in Biological Chemistry
 ELEANOR B. GLINOS Research Assistant in Biological Chemistry
 FLO MOHR COUNCILL Research Assistant in Biological Chemistry
 ELIZABETH R. L. SHAW Research Assistant in Biological Chemistry
 ARLIE BIEMILLER Research Assistant in Biological Chemistry
 ROBERT H. WEAVER Fellow in Biological Chemistry
 DONALD HELINISKI John F. B. Weaver Fellow in Biological Chemistry
 DONALD KEISTER Fellow in Biological Chemistry

First Year. Second Semester. This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation. Total hours: 208.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

BIOSTATISTICS

Refer to the Department of Preventive Medicine and Rehabilitation for a description of this course.

CARDIOLOGY

[A DIVISION OF MEDICINE]

WILLIAM S. LOVE.....	Professor of Clinical Medicine and Chief, Division of Cardiology
EDWARD C. LEACH.....	Assistant Professor of Medicine and Chief, Adult Cardiology Outpatient Clinic
SIDNEY SCHERLIS.....	Assistant Professor of Medicine and Chief, Pediatric Cardiology Outpatient Clinic
LEONARD SCHERLIS.....	Assistant Professor of Medicine
WILFRED H. TOWNSHEND.....	Associate in Medicine
STEPHEN VAN LILL, III.....	Associate in Medicine
KYLE W. SWISHER.....	Associate in Medicine
AUBRY RICHARDSON.....	Trainee in Cardiology
KARL H. WEAVER.....	Trainee in Cardiology

First and Second Years. Lectures and demonstrations in the Electrical Activity of the Heart in collaboration with the Department of Physiology.

Third Year. Conferences, clinics and Outpatient work in Cardiology. Consultation rounds in conjunction with medical clinical clerkships.

Fourth Year. Weekly consultation conference concerning diagnosis, treatment and special diagnostic techniques in Cardiology. Senior students participate in the Cardiology Outpatient Clinic for four weeks.

Elective Course in Graphic Studies of the Heart. Instruction in electrocardiography, spatial vectorcardiography, principles of catheterization of the heart and angiocardiology. 20 hours.

Summer Fellowships. Junior students may work as Fellows in Cardiology during the summer months, participating in special cardiac studies (catheterization, angiocardiology, electrocardiology, etc) and in current research. Application should be made to the Chief of the Section prior to January 1.

Traineeships in Cardiology. These are available to selected postgraduate applicants. The Trainee participates in the activities of the Section and receives a financial stipend. Application is made through the Chief of the Section in October. The Traineeship begins the first of the following July.

CARDIO-PULMONARY PHYSIOLOGY

[A DIVISION OF SURGERY]

R. ADAMS COWLEY.....	Director
HARRIET M. DIVER.....	Technician
FRIEDA RUDO.....	Technical Consultant
GEORGE SCHIMERT.....	Fellow in Cardiovascular and Experimental Surgery
JOHN M. ALLEN.....	Fellow in Surgery

A laboratory organized for the study and investigation of physiological processes involved in Cardiovascular and Pulmonary diseases.

Postgraduate instruction is available in the techniques of cardiac catheterization, pulmonary function studies, angiocardiology and aortography. Com-

bined with this instruction, there are also opportunities for further study of these problems in the field of experimental surgery under the direction of Drs. Yeager and Cowley.

CLINICAL PATHOLOGY [A DIVISION OF MEDICINE]

MILTON S. SACKS.....	Professor of Clinical Medicine and Chief, Division of Clinical Pathology; Director, Clinical Laboratories, University Hospital
MARIE A. ANDERSCH.....	Professor of Biochemistry in Medicine; Assistant Director Clinical Laboratories, University Hospital
CARROL L. SPURLING.....	Assistant Professor of Medicine; Assistant Director Clinical Laboratories, University Hospital
JOHN B. DEHOFF.....	Associate in Medicine
STANLEY MILLER.....	Associate in Medicine
L. ANN HELLEN.....	Instructor in Medicine
AUDRY M. FUNK.....	Instructor in Medicine
BENJAMIN ROTHFELD.....	Assistant in Medicine
SHERWOOD MILLER.....	Fellow in Medicine
GIOVANNI RACCUGLIO.....	Instructor in Medicine
ALICE M. BAND.....	Instructor in Medicine
FRANCES S. BARBUSCA.....	Research Assistant in Clinical Pathology

Second Year. First and Second Semester: The course is designed to train the student in the performance and interpretation of the fundamental laboratory procedures used in clinical diagnosis. During the first semester the basic techniques of hematology as well as clinical aspects of blood diseases are taught. Blood group immunology in relation to transfusion is also covered. In the second semester the performance and interpretation of tests used in the diagnosis of renal, hepatic, gastric, pancreatic, and metabolic diseases are considered. A review, with clinical applications, of acid-base balance and electrolyte disturbances is included. Methods of examination of cerebro-spinal fluid, transudates and exudates are taught. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is provided for each student. Total hours: 128.

Third Year. Seminar discussions of diagnostic laboratory procedures in selected diseases are given during the medicine quarter. Each student is assigned a completely equipped locker adjacent to the wards for use during the clinical clerkships. Microscope and blood counting equipment must be provided by the student.

Fourth Year. During the medicine quarter, students attend a weekly hematology conference when patients from the hospital wards with blood diseases are discussed.

Student Fellowships. Two (2) voluntary summer fellowships are available for sophomore or junior medical students who wish to perform advanced work in hematology. These afford an opportunity for clinical work in hematology as well

as investigative experience. Work may be continued during the school year if time is available. Application should be made to the head of this division by January of the current school year.

Graduate Fellowships. Two (2) full time clinical and research fellowships in hematology are available to applicants who have had a minimum of one year internship. A financial stipend is provided. Application should be made to the Head of the Division.

DENTISTRY

[A DIVISION OF SURGERY]

¹ BRICE M. DORSEY.....	Professor of Oral Surgery
¹ MYRON S. AISENBERG.....	Professor of Pathology
¹ JOSEPH C. BIDDIX, JR.....	Professor of Oral Diagnosis
¹ KYRLE W. PREIS.....	Professor of Orthodontics
¹ HARRY M. ROBINSON, SR.....	Professor of Dermatology
¹ GRAYSON W. GAVER.....	Professor of Dental Prosthesis
¹ ERNEST B. NUTTALL.....	Professor of Crown and Bridge
¹ KENNETH V. RANDOLPH.....	Professor of Operative Dentistry
¹ EDWARD C. DOBBS.....	Professor of Pharmacology
GEORGE H. YEAGER.....	Professor of Clinical Surgery
¹ JOSEPH P. CAPPUCCIO.....	Instructor in Oral Surgery
¹ CONRAD L. INMAN.....	Instructor in Anesthesiology

¹ Faculty Member, School of Dentistry.

This section has been reorganized for the teaching of both medical and dental students. There has been established a division in the out-patient department, and beds will be provided in the University Hospital, for the care of patients who will be available for the teaching of students from both schools.

Senior year: clinics weekly.

Ward instruction and group teaching are given. This includes diagnosis and treatment of diseases of the face, mouth and jaws.

DERMATOLOGY AND SYPHILOLOGY [A DIVISION OF MEDICINE]

HARRY M. ROBINSON, JR.....	Professor of Dermatology and Chief, Division of Dermatology
FRANCIS A. ELLIS.....	Associate Professor of Dermatology
EUGENE S. BERESTON.....	Assistant Professor of Dermatology
A. ALBERT SHAPIRO.....	Assistant Professor of Dermatology
ISRAEL ZELIGMAN.....	Assistant Professor of Dermatology
R. C. V. ROBINSON.....	Assistant Professor of Dermatology
WILLIAM R. BUNDICK.....	Associate in Dermatology
MARK B. HOLLANDER.....	Associate in Dermatology
MORRIS M. COHEN.....	Associate in Dermatology
DAVID BACHARACH.....	Instructor in Dermatology
LEE R. LERMAN.....	Assistant in Dermatology
STANLEY N. YAFFE.....	Research Assistant in Dermatology
JACOB LUDWIG.....	Assistant in Dermatology

First Year. During the first year, two hours of lecture-demonstration are devoted to the cutaneous manifestations of systemic diseases as a part of the elementary course in the Introduction to Medicine.

Second Year. During the second year students receive a one hour lecture on industrial dermatology and one hour on congenital abnormalities.

Third Year. Students are given assigned reading on the more common skin eruptions. Lectures are avoided. Six two hour clinical sessions are held for each quarter of the junior class. Individual instruction is given by one of the senior members of the staff in the minutiae necessary to establish a diagnosis.

Fourth Year. Groups of twelve students spend twenty hours in the Out-Patient Department where they are given individual instruction in the diagnosis and treatment of cutaneous lesions. Emphasis is laid on the relationship of various eruptions to systemic conditions. Instruction is given in mycologic technique.

GASTRO-ENTEROLOGY [A DIVISION OF MEDICINE]

WM. CARL EBELING, III.	Assistant Professor of Medicine, and Head of the Division of Gastroenterology
THEODORE E. MORRISON.	Clinical Professor of Gastro-enterology
SAMUEL MORRISON.	Associate Professor of Gastro-enterology
MAURICE FELDMAN.	Assistant Professor of Gastro-enterology
ZACHARIAH MORGAN.	Assistant Professor of Gastro-enterology
Z. VANCE HOOPER.	Associate in Gastro-enterology
ALBERT J. SHOCHAT.	Instructor in Gastro-enterology
PHILIP D. FLYNN.	Instructor in Gastro-enterology
JOAN W. LITTLE.	Research Assistant in Gastro-enterology

Second Year. Lectures are given as part of the course in correlative medicine.

Third Year. Lectures and clinics on specific gastro-intestinal diseases under the sponsorship of the Department of Medicine.

Fourth Year. Weekly clinics or conferences are held on gastro-intestinal subjects and problems. There are weekly peroral endoscopic clinics. Students assist in the out-patient clinic. Opportunities are available for practical experience in exfoliative cytology.

Summer Fellowships. Junior students may work as fellows, receiving instruction in clinical practice, endoscopy, special diagnostic techniques and therapy.

GYNECOLOGY

J. MASON HUNDLEY, JR.	Professor of Gynecology and Head of the Department
ERNEST I. CORNBROOKS, JR.	Associate Professor of Gynecology
WILLIAM K. DIEHL.	Assistant Professor of Gynecology
EVERETT S. DIGGS.	Assistant Professor of Gynecology
BEVERLEY C. COMPTON.	Assistant Professor of Gynecology
LEO BRADY.	Assistant Professor of Gynecology
EDWARD P. SMITH.	Assistant Professor of Gynecology
FRANK K. MORRIS.	Assistant Professor of Gynecology
THEODORE KARDASH.	Associate in Gynecology
JOHN J. ERWIN.	Associate in Gynecology
WILLIAM A. DODD.	Associate in Gynecology
W. ALLEN DECKERT.	Instructor in Gynecology
WILLIAM C. DUFFY.	Instructor in Gynecology
HARRY F. KANE.	Instructor in Gynecology

HELEN I. MAGINNIS.....	Instructor in Gynecology
JAMES H. SHELL, JR.....	Assistant in Gynecology
F. X. PAUL TINKER.....	Assistant in Gynecology
NORMAN LEVIN.....	Assistant in Gynecology
RAYMOND L. MARKLEY.....	Assistant in Gynecology
GEORGE A. MAXWELL.....	Assistant in Gynecology
GEORGE L. EAVEY.....	Assistant in Gynecology
BENSON C. SCHWARTZ.....	Assistant in Gynecology
F. SIDNEY GARDNER.....	Assistant in Gynecology
EDWARD C. PREVOST.....	Assistant in Gynecology
THOMAS A. STEBBINS.....	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

Third Year. A comprehensive course of 30 lectures in the field of gynecology, female urology, and female oncology is given to the entire class.

Fourth Year. An intensive course is given to small groups of students throughout the year, during which time the students are assigned exclusively to this department. The course consists of instructions including lectures, seminars, ward rounds, and operative clinics. In addition, two special instruction periods are given in pathology at which time a review of the pathological material seen at operation is made with especial reference to the pathology of malignant disease. The students are assigned patients on the gynecological wards, and also work in the gynecological, cystoscopy and oncology, out-patient departments each day.

Third year.....	30 hours
Fourth year.....	75 hours
Total:.....	105 hours

HISTORY OF MEDICINE

LOUIS A. M. KRAUSE.....Professor of Clinical Medicine

Beginning with the spring of 1942 a group of lectures on the history of medicine has been presented on selected phases and trends of the development of medical knowledge and practice. It is planned to avoid duplication of subject matter for at least four years.

These lectures are offered primarily for our students, but a cordial invitation is extended to anyone who may wish to attend.

Announcement of the lectures will be made by mail and on the bulletin board of the School of Medicine.

HYPERTENSION

[A DIVISION OF MEDICINE]

SAMUEL T. R. REVELL, JR.....Associate Professor of Medicine and Chief, Division of Hypertension

FRANCIS J. BORGES.....Instructor in Medicine and Assistant Chief, Division of Hypertension

R. ADAMS COWLEY.....Director Cardio-Pulmonary Service; Collaborator in evaluation of Sympatho-Adrenal Surgery for Hypertension

Third Year. Elective conferences on pathological-physiology of hypertension, sites of action of anti-hypertensive drugs, methods of screening patients with hypertension, choice of therapy in hypertensive patients.

Fourth Year. Elective weekly hypertension clinics and attendance at hypertensive weekly rounds.

Summer Fellowships. Junior students may work as fellows, receiving instruction in the clinical management of patients, techniques of renal function studies and special research procedures.

INFECTIOUS DISEASES [A DIVISION OF MEDICINE]

ROBERT T. PARKER.....	Assistant Professor of Medicine and Chief, Division of Infectious Diseases
MERRILL J. SNYDER.....	Assistant Professor of Medicine in Clinical Microbiology
SZE-JUI LIU.....	Instructor in Medicine

Second Year. Lectures are given on viral and rickettsial diseases and certain diseases caused by gram negative bacteria in collaboration with instruction in general bacteriology.

Third Year. Lectures and clinics on specific infectious diseases are presented under the sponsorship of the Department of Pathology and the Department of Medicine.

Fourth Year. Students attend weekly conferences on subjects related to infectious diseases. These sessions comprise consultation rounds on infectious disease problems and practical instruction in the diagnostic methods applicable to the infectious diseases. Opportunities are available for practical instruction in laboratory techniques.

Summer Fellowships. Junior students have the opportunity to work as Fellows in Infectious Diseases during the summer months. Instruction is provided in laboratory techniques including the handling of viral and rickettsial agents of disease, general bacteriological and immunologic techniques, bioassay of antibiotics and ward instruction including chemotherapy. Application should be made to the Chief of Section prior to January of the current school year.

Post-Graduate Fellowships. The Section of Infectious Diseases sponsors a Fellow who receives instruction in laboratory techniques and clinical investigation. Fellows participate in all functions of the Section including collaboration in investigative problems. A financial stipend is provided. Application is made through the Chief of the Section.

INDUSTRIAL MEDICINE AND SURGERY [A DIVISION OF SURGERY]

CHARLES A. REIFSCHNEIDER.....	Clinical Professor of Traumatic Surgery
THURSTON R. ADAMS.....	Assistant Professor of Surgery

This section is under the combined supervision of the medical and surgical departments. It is a cooperative effort by members of the medical school and hospital staff to afford means for clinical and laboratory study of the patient who has been subjected to traumatic or medical industrial hazard, so that adequate

care may be instituted to promote his physical well-being. The facilities of the laboratories of the medical school and hospital are available as required.

Under direction of this department limited undergraduate instruction is given, especially in the methods of examination and of keeping records and in the general medico-legal principles as they affect the industrial employee, the employer, the general insurers, the physician and the hospital. There is also instruction on methods of making life insurance and other physical examinations, whether for employment or for health purposes. The wards of the University, Mercy and Baltimore City Hospitals provide for bed-side instruction.

Total hours: 8.

LEGAL MEDICINE [A DIVISION OF MEDICINE]

RUSSELL S. FISHER	Professor of Legal Medicine and Chief, Division of Legal Medicine
HENRY C. FREIMUTH	Assistant Professor of Legal Medicine
WILLIAM V. LOVITT, JR.	Assistant Professor of Legal Medicine
RICHARD LINDENBERG	Associate in Legal Medicine
PAUL F. GUERIN	Associate in Legal Medicine
ELLA FREYTAG	Research Assistant in Legal Medicine
SIDNEY KATZ	Research Fellow in Legal Medicine
CHARLES B. WHEELER	Research Fellow in Legal Medicine

Third Year. This course embraces a summary of medical jurisprudence including the laws governing the practice of medicine, industrial compensation and malpractice, proceedings in criminal and civil prosecution, medical evidence and testimony, identification of bodies, injuries by blunt force, gunshot and other mechanisms, natural and homicidal deaths, medicolegal toxicology and the medico-legal autopsy. (12 hours.)

Fourth Year. The division arranges a series of lectures covering medical ethics, economics, record keeping, residency training opportunities and some considerations about starting in private practice. An attempt is made in this series to stress those features which will be immediately useful business-wise to the young physician (7 hours).

Elective Course (summer). A small number of students may upon application be assigned to elective work in the laboratory of the Chief Medical Examiner of the State of Maryland.

MEDICINE

THEODORE E. WOODWARD	Professor of Medicine and Head of the Department
T. NELSON CAREY	Professor of Clinical Medicine
H. RAYMOND PETERS	Professor of Clinical Medicine
LOUIS A. M. KRAUSE	Professor of Clinical Medicine
WILLIAM S. LOVE, JR.	Professor of Clinical Medicine
RUSSELL FISHER	Professor of Legal Medicine
CHARLES VAN BUSKIRK	Professor of Neurology
HARRY M. ROBINSON, JR.	Professor of Dermatology
HOWARD M. BUBERT	Associate Professor of Medicine
J. SHELDON EASTLAND	Associate Professor of Medicine

MILTON S. SACKS.....	Associate Professor of Medicine
LEWIS P. GUNDRY.....	Associate Professor of Medicine
SAMUEL MORRISON.....	Associate Professor of Medicine
HENRY J. L. MARRIOTT.....	Associate Professor of Medicine
H. VERNON LANGELOTTIG.....	Associate Professor of Medicine
EDWARD F. COTTER.....	Associate Professor of Medicine
EPHRAIM T. LISANSKY.....	Associate Professor of Medicine
SAMUEL T. R. REVELL, JR.....	Associate Professor of Medicine
GEORGE S. MIRICK.....	Associate Professor of Medicine
WILLIAM H. SMITH.....	Associate Professor of Clinical Medicine
MARIE A. ANDERSCH.....	Associate Professor of Biochemistry in Medicine
GEORGE MCLEAN.....	Assistant Professor of Medicine
WETHERBEE FORT.....	Assistant Professor of Medicine
FRANK J. GERAGHTY.....	Assistant Professor of Medicine
SOL SMITH.....	Assistant Professor of Medicine
C. EDWARD LEACH.....	Assistant Professor of Medicine
ROBERT A. REITER.....	Assistant Professor of Medicine
SIDNEY SCHERLIS.....	Assistant Professor of Medicine
JAMES R. KARNS.....	Assistant Professor of Medicine
ROBERT T. PARKER.....	Assistant Professor of Medicine
MERRILL J. SNYDER.....	Assistant Professor of Medicine in Clinical Bacteriology
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
MEYER W. JACOBSON.....	Assistant Professor of Medicine
S. EDWIN MULLER.....	Assistant Professor of Medicine
LAURENCE M. SERRA.....	Assistant Professor of Medicine
FRANCIS C. DICKEY.....	Assistant Professor of Medicine
WILLIAM CARL EBELING, III.....	Assistant Professor of Medicine
JOSEPH B. WORKMAN.....	Assistant Professor of Medicine
JOHN G. WISWELL.....	Assistant Professor of Medicine
CARROL L. SPURLING.....	Assistant Professor of Medicine
FRANCIS P. CHINARD.....	Assistant Professor of Medicine
DOUGLAS G. CARROLL.....	Assistant Professor of Medicine
W. GRAFTON HERSPBERGER.....	Associate in Medicine
CONRAD B. ACTON.....	Associate in Medicine
WILLIAM K. WALLER.....	Associate in Medicine
ARTHUR KARFGIN.....	Associate in Medicine
M. PAUL BYERLY.....	Associate in Medicine
KURT LEVY.....	Associate in Medicine
WILFRED H. TOWNSEND.....	Associate in Medicine
ALVIN J. HARTZ.....	Associate in Medicine
LOUIS V. BLUM.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
DANIEL WILFSON, JR.....	Associate in Medicine
JONAS COHEN.....	Associate in Medicine
WALTER KARFGIN.....	Associate in Medicine
IRVING FREEMAN.....	Associate in Medicine
J. EMMET QUEEN.....	Associate in Medicine
JOHN B. DEHOFF.....	Associate in Medicine
JOSEPH FURNARI.....	Associate in Medicine
STEPHEN J. VAN LILL, III.....	Associate in Medicine

LEONARD SCHERLIS.....	Associate in Medicine
WILLIAM F. COX, III.....	Associate in Medicine
DONALD W. MINTZER.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Associate in Medicine
STANLEY MILLER.....	Associate in Medicine
JEROME SHERMAN.....	Associate in Medicine
JAMES T. MARSH.....	Lecturer in Medicine
PHILIP D. FLYNN.....	Instructor in Medicine
JOHN A. MYERS.....	Instructor in Medicine
JOSEPH E. MUSE.....	Instructor in Medicine
WILLIAM H. KAMMER, JR.....	Instructor in Medicine
SAMUEL J. HANKIN.....	Instructor in Medicine
FREDERICK J. VOLLMER.....	Instructor in Medicine
JOHN R. DAVIS.....	Instructor in Medicine
L. ANN HELLEN.....	Instructor in Medicine
AUDREY M. FUNK.....	Instructor in Medicine
LEON A. KOCHMAN.....	Instructor in Medicine
C. HERMAN WILLIAMS.....	Instructor in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine
BERNARD BURGIN.....	Instructor in Medicine
LAURISTON L. KEOWN.....	Instructor in Medicine
FRANKLIN E. LESLIE.....	Instructor in Medicine
PHILIP D. FLYNN.....	Instructor in Medicine
STUART D. SUNDAY.....	Instructor in Medicine
IRVIN B. KEMICK.....	Instructor in Medicine
MAURICE FELDMAN, JR.....	Instructor in Medicine
CHARLES E. SHAW.....	Instructor in Medicine
JOHN C. OSBORNE.....	Instructor in Medicine
EDWARD S. KALLINS.....	Instructor in Medicine
JOSEPH C. MATCHAR.....	Instructor in Medicine
MARVIN GOLDSTEIN.....	Instructor in Medicine
B. STANLEY COHEN.....	Instructor in Medicine
GIOVANNI RACCUGLIO.....	Instructor in Medicine
SHELDON E. GREISMAN.....	Instructor in Experimental Medicine
KYLE Y. SWISHER, JR.....	Instructor in Medicine
BENNETT L. ELISBERG.....	Instructor in Experimental Medicine
PATRICIA A. ELISBERG.....	Assistant Instructor in Experimental Medicine
ALICE BAND.....	Instructor in Medicine
FRANCIS J. BORGES.....	Instructor in Medicine
RAYMOND M. LAUER.....	Assistant in Medicine
JACK WEXLER.....	Assistant in Medicine
JOSEPH C. MYERS.....	Assistant in Medicine
THOMAS WORSLEY.....	Assistant in Medicine
STEPHEN L. MAGNESS.....	Assistant in Medicine
STANLEY R. STEINBACH.....	Assistant in Medicine
FRANK K. KASIK.....	Assistant in Medicine
DONALD J. ROOP.....	Assistant in Medicine
WILLIAM H. GRENZER.....	Assistant in Medicine
E. ELLSWORTH COOK, JR.....	Assistant in Medicine
FRANK G. KUEHN.....	Assistant in Medicine
WILLIAM S. SPICER.....	Assistant in Medicine

ANDERS W. ANDERSON.....	Assistant in Medicine
MARION FRIEDMAN.....	Assistant in Medicine
BENJAMIN ROTHFELD.....	Assistant in Medicine
STANLEY N. YAFFE.....	Research Assistant in Dermatology
JACOB LUDWIG.....	Assistant in Dermatology
BARNETT BERMAN.....	Assistant in Medicine
AUBREY D. RICHARDSON.....	Trainee in Cardiology
KARL H. WEAVER.....	Trainee in Cardiology
SIDNEY KATZ.....	Research Fellow in Legal Medicine
FRANK G. KUEHN.....	Trainee in Metabolism
SZE-JUI LIU.....	Fellow in Medicine
SHERWOOD MILLER.....	Fellow in Medicine
CHARLES B. WHEELER.....	Research Fellow in Legal Medicine

FIRST YEAR

Beginning with the second semester, a lecture course in "Biological Aspects of Man" is presented which continues until termination of the second year. In the first year, the course comprises instruction in the introduction to medicine, two hours weekly during the second semester. This course is interdepartmental and stresses the broad application of anatomy, histology, embryology, biochemistry and physiology to the clinical sciences.

SECOND YEAR

Introduction to Clinical Medicine: A. "Biological Aspects of Man" as correlative medicine (two hours weekly throughout the year.) This course in conjoint medicine emphasizes the technique of history taking and the pathologic-physiology in medicine, surgery, pediatrics, psychiatry, obstetrics and sub-specialties. B. Physical Diagnosis: Practical instruction in physical diagnosis two hours weekly, second semester.

During the summer months, sophomore students are urged to participate in the activities of the medical Out-Patient Department where practical instruction is provided in history taking and physical diagnosis. Students are given library assignments which are formally reported to members of the medical staff.

THIRD YEAR

The Practice of Medicine: A. Clinical Clerkship for 8 weeks on the medical wards of the University Hospital. Responsibility under supervision for the history, physical examination, laboratory examination and progress notes of assigned cases. B. Ward rounds and conferences in general medicine. C. Clinical pathological conference and interdepartmental seminar once weekly. D. Baltimore City Hospital is utilized for teaching in the third year. For a period of 8 weeks, the student performs outpatient work in general medicine three mornings weekly. Practical instruction is provided in physical diagnosis as related to chronic disease, tuberculosis, neurology and roentgen diagnosis. A weekly clinic is given in general medicine and tuberculosis.

The Principles of Medicine: A. A course in guided reading is conducted throughout the junior year consisting of assignments in standard texts and current periodicals. B. Lectures are given weekly in neurology and legal medicine throughout the junior year.

FOURTH YEAR

Advanced Practice of Medicine: A. Clinical clerkship on the medical wards of Mercy Hospital for 4 weeks. B. Ward classes, ward rounds and conferences in general medicine, the medical subspecialties and therapeutics for 4 weeks at University Hospital. C. Consultation rounds daily for 4 weeks on wards of University Hospital in problems of cardiology, infectious diseases, gastroenterology, neurology, hematology and pulmonary diseases. D. Outpatient experience work for 4 weeks under supervision in medicine and medical specialties in the Outpatient Department of the University Hospital. E. Clinical pathological conference and interdepartmental seminars weekly.

SUMMER CLERKSHIPS

Junior students have the opportunity to work as clinical clerks during the summer term. Responsibility under supervision for the history, physical examination, laboratory examination and progress notes of assigned cases.

Certain of the medical sub-specialty divisions provide specialized training for junior students as a fellow or trainee during the summer months. The applicant is encouraged to apply directly to the division head.

POSTGRADUATE FELLOWSHIPS

Postgraduate fellowships are available in various of the subspecialties of medicine (see specific Sections).

MICROBIOLOGY

CHARLES L. WISSEMAN, JR.....	Professor of Microbiology and Head of the Department
EDWARD STEERS.....	Associate Professor of Microbiology
ANDREW G. SMITH.....	Assistant Professor of Microbiology
H. EDMUND LEVIN.....	Associate in Microbiology
MERRILL J. SNYDER.....	Instructor in Microbiology
ELIZABETH C. HEINZ.....	Junior Instructor in Microbiology
NORMA MARY KEIGLER.....	Bressler Reserve Fund Research Fellow in Microbiology
ROBERT C. WOOD.....	U. S. Navy Research Fellow in Microbiology

Second Year. First Semester. The principles of general bacteriology are taught by quiz, conference, and lecture.

Instruction given in the laboratory includes the methods of preparation of culture media, the study of pathogenic bacteria, and the bacteriological examination of water and milk. The bacteriological diagnosis of communicable diseases is also included.

Second Year. Second Semester. The principles of immunology are presented by means of quizzes, conferences and lectures.

The course includes a consideration of infection and immunity, the nature and

action of the various antibodies, complement fixation and flocculation tests, hypersensitiveness, and the preparation of bacterial vaccines.

Experiments are carried out by the class in the laboratory. During the latter half of the semester the class is divided into sections.

Total hours: Bacteriology 150.

Immunology 72.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

NEUROLOGICAL SURGERY [A DIVISION OF SURGERY]

JAMES G. ARNOLD, JR. Professor of Neurological Surgery and Head of the Division
 RICHARD G. COBLENTZ Professor of Clinical Neurological Surgery
 JOHN A. WAGNER Associate Professor of Pathology and Neuropathology
 RAYMOND K. THOMPSON Assistant Professor of Neurological Surgery
 ROBERT OSTER

Associate in Electro-physiology, and Director of the Hoffberger Electroencephalographic Laboratory

ROBERT M. N. CROSBY Associate in Neurological Surgery
 WILLIAM H. MOSBERG, JR. Associate in Neurological Surgery
 FRANK J. OTENASEK Instructor in Neurological Surgery
 JOHN W. CHAMBERS Instructor in Neurological Surgery
 AUGUST KIEL, JR. Instructor in Neurological Surgery
 JOHN O. SHARRETT Assistant in Neurological Surgery

Third Year. This course comprises lectures and demonstrations in the fundamentals of neurological surgery. Total hours, twelve.

Fourth Year. Weekly ward rounds at the University and Mercy Hospitals. Total hours, sixteen.

Dispensary Instruction. A small number of students may apply for instruction in the neurological out-patient department.

NEUROLOGY [A DIVISION OF MEDICINE]

CHARLES VAN BUSKIRK Professor of Neurology and Chief, Division of Neurology
 PHILIP F. LERNER Assistant Professor of Neurology
 HARRY TEITELBAUM Assistant Professor of Neurology
 GEORGE G. MERRILL Assistant Professor of Neurology
 WILLIAM L. FEARING Associate in Neurology
 EDWARD F. COTTER Associate in Neurology

Second Year. Fifteen one-hour lectures are given to correlate the anatomy and physiology of the nervous system with clinical neurology.

Third Year. Fourteen lectures demonstrations are given in which the major types of the diseases of the nervous system are discussed. In addition, eight two-hour periods are presented to smaller groups of students at the Baltimore City Hospitals during which the students examine and discuss selected cases which illustrate the chief neurological syndrome.

Fourth Year. While in the medical section students attend consultation rounds

once a week and a case conference once a week during their rotation through Mercy Hospital. At the University Hospital the students attend a case conference once a week.

Dispensary Instruction. Small groups of students are instructed in the neurological dispensary at Mercy Hospital two afternoons each week and at the University dispensary once a week.

OBSTETRICS

ARTHUR LYMAN HASKINS.....	Professor of Obstetrics and Head of the Department
J. MORRIS REESE.....	Associate Professor of Obstetrics
D. FRANK KALTREIDER.....	Associate Professor of Obstetrics
ISADORE A. SIEGEL.....	Associate Professor of Obstetrics
JOHN E. SAVAGE.....	Assistant Professor of Obstetrics
HUGH B. McNALLY.....	Assistant Professor of Obstetrics
MARGARET B. BALLARD.....	Associate in Obstetrics
D. McCLELLAND DIXON.....	Associate in Obstetrics
OSBORNE C. CHRISTENSEN.....	Associate in Obstetrics
J. TYLER BAKER.....	Associate in Obstetrics
J. HUFF MORRISON.....	Associate in Obstetrics
GEORGE H. DAVIS.....	Associate in Obstetrics
J. KING B. E. SEEGAR.....	Associate in Obstetrics
LOUIS C. GAREIS.....	Associate in Obstetrics
KENNETH B. BOYD.....	Assistant in Obstetrics
W. KENNETH MANSFIELD, JR.....	Assistant in Obstetrics
THEODORE KARDASH.....	Assistant in Obstetrics
HARRY MCB. BECK.....	Assistant in Obstetrics
WILLIAM A. DODD.....	Assistant in Obstetrics
IRVIN P. KLEMKOWSKI.....	Assistant in Obstetrics
CLARENCE W. MARTIN.....	Assistant in Obstetrics
VERNON C. KELLEY.....	Assistant in Obstetrics
HARRY COHEN.....	Assistant in Obstetrics
THOMAS C. WEBSTER.....	Assistant in Obstetrics
VINCENT DEP. FITZPATRICK.....	Assistant in Obstetrics
ERNEST SCHER.....	Assistant in Obstetrics
JAMES H. SHELL, JR.....	Assistant in Obstetrics
F. X. PAUL TINKER.....	Assistant in Obstetrics
DANIEL EHRLICH.....	Assistant in Obstetrics
WILLIAM D. GENTRY.....	Assistant in Obstetrics
NORMAN LEVIN.....	Assistant in Obstetrics
GEORGE A. MAXWELL.....	Assistant in Obstetrics
WILLIAM P. ENGLEHART.....	Assistant in Obstetrics
JAMES P. GALLAHER.....	Assistant in Obstetrics
FRANK W. BAKER.....	Assistant in Obstetrics
BENSON C. SCHWARTZ.....	Assistant in Obstetrics
JAMES L. EAVEY.....	Assistant in Obstetrics
ROBERT K. ARTHUR.....	Assistant in Obstetrics

Second Year. During the second semester lectures are given one hour weekly. Students are oriented on the normal pelvis, generative tract and the physiology of pregnancy and labor. The conduct of normal delivery and the puerperium are

explained, and in general an attempt is made to prepare the student for the practical training he is to receive in his third year. Dr. J. M. Reese.

Third Year. Forty five lectures and recitations are given. They are designed to cover the anatomy more completely, especially that of the bony pelvis from an obstetrical point of view. Physiology of the endocrine system is reviewed as it relates to pregnancy and the growth and development of the impregnated ovum. Following this the pathology of pregnancy, labor and the puerperium are considered. Drs. Reese, Siegel, Savage, Dixon and Kaltreider.

Each student spends 4 weeks on the obstetrical service of University Hospital. During this period he receives practical instruction in the prenatal clinic, the wards and on the delivery floor. He acts as a clinical clerk and all of his work is closely supervised. In addition he is instructed in the basic sciences as related to obstetrics. Operative work on the obstetrical manikin is an organized part of the course, each student receiving 8 hours of individual instruction.

Fourth Year. The instruction is entirely clinical. Each student spends 2 weeks at Baltimore City Hospital in small groups. During this period his entire time is devoted to obstetrics. He acts as a clinical clerk and works in prenatal clinics and on the wards and delivery suite. He observes and assists in deliveries of all types and delivers some 18 to 20 patients himself. In addition he attends all rounds and conferences held.

During this 2 week period he is given introductory courses in Public Health as applied to obstetrics and in Planned Parenthood.

Second year.....	16 hours
Third year.....	141 hours
Fourth year.....	106 hours
Total.....	263 hours

ONCOLOGY [A DIVISION OF GYNECOLOGY AND SURGERY]

J. MASON HUNDLEY, JR.....	Professor of Gynecology
ERNEST I. CORNBROOKS, JR.....	Associate Professor of Gynecology
WILLIAM K. DIEHL.....	Assistant Professor of Gynecology
EVERETT S. DIGGS.....	Assistant Professor of Gynecology
BEVERLEY C. COMPTON.....	Assistant Professor of Gynecology
FRANK K. MORRIS.....	Assistant Professor of Gynecology
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
E. EUGENE COVINGTON.....	Associate in Oncology
EDWIN H. STEWART.....	Associate in Surgery
J. DUER MOORES.....	Instructor in Surgery
LOUIS F. GOODMAN.....	Instructor in Surgery
THOMAS A. STEBBINS.....	U.S.P.H.S., Cancer Teaching Fund Medical Illustrator in Oncology and Gynecology

The purpose of the courses in Oncology is to give students training in the diagnosis and treatment of neoplastic diseases not obtained in other departments and at the same time to correlate this training with that received in surgery, medicine, roentgenology and other specialties.

Third year. Six didactic lectures are given on the diagnosis and treatment of cancer of the generative organs. Dr. Hundley and staff.

Five lectures in general oncology are given to the entire Junior Class at the end of the year. The increasing importance of the cancer problem is emphasized. The biological aspects of cancer and the relation of hormones, carcinogenic agents, and etiological factors are discussed. The gradation of neoplasms, and the bio-physical effects of irradiation therapy are presented. The diagnosis, surgical and radiological treatment of neoplasms of the head and neck, oral cavity, skin, breasts, and hemopoietic system are discussed. Dr. Siwinski and staff.

Fourth Year. Ten senior students of the University section are assigned to the Oncology clinic. Five students are assigned to the Tuesday morning clinic, and the alternate group to the Friday morning clinic. The diagnosis and treatment, both surgical and radiological are discussed in the presence of a staff member of the departments of Pathology, Radiology, and Surgery.

An outpatient Gynecological Clinic is held bi-weekly which affords an opportunity for instruction of small groups of students, which are assigned in rotation, in the various phases of malignancy of the generative organs. Weekly ward rounds and operative clinics are held for seniors.

	Oncology	Gynecology	Total
Third year.....	5 hours	6 hours	11 hours
Fourth year.....	12 hours	16 hours	28 hours
Total.....	17 hours	22 hours	39 hours

OPHTHALMOLOGY

JOSEPH I. KEMLER.....	Associate in Ophthalmology
A. KREMEN.....	Associate in Ophthalmology
RUBY A. SMITH.....	Associate in Ophthalmology
D. J. MCHENRY.....	Instructor in Ophthalmology
J. E. BRUMBACK.....	Associate in Ophthalmology
RICHARD J. CROSS.....	Instructor in Ophthalmology
HENRY B. WILSON.....	Instructor in Ophthalmology
JOHN C. OZAZEWSKI.....	Assistant in Ophthalmology

Third Year. Second semester. Dr. Ozazewski reviews the anatomy and physiology of the eye and discusses the methods used in making the various examinations. Errors of refraction and their effect upon the general system are explained. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital by Dr. Kremen.

Fourth Year. Clinics and demonstrations are given in diseases of the eye, twice weekly, for one year.

The course consists of instruction in the clinic to small groups of students four days a week for four weeks. During this period, the student examines patients, diagnoses and treats various ocular diseases, under the supervision of Drs. Smith, Brumback, Ozazewski and Wilson. Twice weekly lectures and lantern slide demonstration are given upon diseases of the eye, with particular reference to

their diagnosis, management and relation to general medicine. Special lectures are given the entire class on vascular changes in the eye, refraction, cataract, glaucoma and uveitis. Certain operations are demonstrated by motion pictures.

Weekly ward classes are held at the University and Mercy Hospitals during which eye grounds in the various medical and surgical conditions are demonstrated. Drs. Kemler, Jeppi, Pacienza, Smith, Brumbach, Ozazewski and Wilson.

Third year	20 hours
Fourth year	41 hours
Total.....	61 hours

ORTHOPAEDICS

[A DIVISION OF SURGERY]

ALLEN FISKE VOSHELL.....	Professor of Orthopaedic Surgery
HARRY L. ROGERS.....	Clinical Professor of Orthopaedic Surgery
MOSES GELLMAN.....	Associate Professor of Orthopaedic Surgery
HENRY F. ULLRICH	Associate Professor of Orthopaedic Surgery
MILTON J. WILDER.....	Assistant Professor in Orthopaedic Surgery
JAMES P. MILLER.....	Assistant Professor in Orthopaedic Surgery
ISADORE H. MASERITZ.....	Assistant Professor in Orthopaedic Surgery
JASON H. GASKEL.....	Associate in Orthopaedic Surgery
ISAAC GUTMAN.....	Associate in Orthopaedic Surgery
ROBERT C. ABRAMS	Instructor in Orthopaedic Surgery
EVERETT D. JONES	Assistant in Orthopaedic Surgery
JOHN J. TANSEY.....	Assistant in Orthopaedic Surgery

Didactic instruction is given in the second, third and fourth years. Clinical, bedside and outpatient instruction is given at the University, Mercy Hospitals and their Outpatient Departments, Kernan Hospital for Crippled Children, and Baltimore City Hospitals. Brief discussions and demonstrations of physical and occupational therapy are included in the course.

Second year	19 hours
Third year	36 hours
Fourth year	90 hours
Total.....	145 hours

OTOLARYNGOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....	Professor of Otolaryngology and Head of the Division
FREDERICK T. KYPER.....	Associate Professor of Otolaryngology
BENJAMIN S. RICH.....	Associate Professor of Otolaryngology
FAYNE A. KAYSER.....	Associate Professor of Otolaryngology
SAMUEL L. FOX.....	Associate Professor of Otolaryngology
W. RAYMOND MCKENZIE.....	Assistant Professor of Otolaryngology
THEODORE A. SCHWARTZ.....	Assistant Professor of Otolaryngology
BENJAMINE H. ISAACS	Assistant Professor of Otolaryngology
ROBERT Z. BERRY.....	Associate in Otolaryngology
ARTHUR WARD.....	Associate in Otolaryngology
RICHARD J. CROSS.....	Associate in Otolaryngology
JOHN H. HIRSCHFELD.....	Instructor in Otolaryngology

JOHN M. REHBERGER.....	Assistant in Otolaryngology
HARRY P. PORTER.....	Assistant in Otolaryngology
JAMES J. GERLACH.....	Assistant in Otolaryngology
FREDERICK L. STICHEL.....	Assistant in Otolaryngology
FRANK P. DWYER.....	Assistant in Otolaryngology
FREDERICK R. HAASE.....	Assistant in Otolaryngology
BASRI BULUT.....	Resident in Otolaryngology

Third Year. Instruction to the whole class is given in the common diseases of the nose and throat, attention being especially directed to infections of the accessory sinuses, the importance of focal infections in the etiology of general diseases and modern methods of diagnosis. Lectures illustrated by lantern slides are given one hour weekly for eight weeks.

Fourth Year. Out-Patient department instruction is given for three hours daily, to small sections at the University and the Mercy Hospitals. The student is afforded an opportunity to study, diagnose and treat patients under supervision. Ward classes and clinical demonstrations are given in periods of one and one-half hours weekly throughout the session in the University and Mercy Hospitals.

The Looper Clinic for bronchoscopy and esophagoscopy, recently established in the University Hospital, affords unusual opportunities for students to study diseases of the larynx, bronchi and esophagus. The clinic is open to students daily from 2 to 4 P.M.

The Mercy Hospital Bronchoscopic Clinic affords ample opportunities in bronchoscopy and esophagoscopy. In these two clinics the etiology, symptomatology, diagnosis and treatment of foreign bodies in the air and food passages, as well as bronchoscopy, are taught to students as an aid in the diagnosis and treatment of diseases of the lungs.

Third year.....	9 hours
Fourth year.....	53 hours
Total.....	62 hours

OTOLOGY

[A DIVISION OF SURGERY]

THOMAS R. O'ROURK.....	Professor of Otolaryngology
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The course in otology is planned to give a practical knowledge of the anatomy and physiology of the ear, and its proximity and relationship to the brain and other vital structures. The inflammatory diseases, their etiology, diagnosis, treatment and complications are particularly stressed, with emphasis upon their relationship to the diseases of children, head-surgery and neurology

Third Year. The whole class is given instruction by means of talks, anatomical specimens and lantern slides. Dr. O'Rourke and associates.

Fourth Year. Small sections of the class receive instruction and make personal examinations of patients under the direction of an instructor. The student is urged to make a routine examination of the ear in his ward work in general medicine and surgery. Dr. O'Rourke and associates.

Third year.....	12 hours
Fourth year.....	40 hours
Total.....	52 hours

PATHOLOGY

HUGH R. SPENCER.....	Professor of Pathology and Head of the Department
ROBERT B. WRIGHT.....	Associate Professor of Pathology
C. GARDNER WARNER.....	Associate Professor of Pathology
WALTER C. MERKEL.....	Associate Professor of Pathology
DEXTER L. REIMANN.....	Associate Professor of Pathology
JOHN A. WAGNER.....	Associate Professor of Pathology
ALBERT E. GOLDSTEIN.....	Assistant Professor of Pathology
MILTON S. SACKS.....	Associate in Pathology
BENEDICT SKITARELIC.....	Associate in Pathology
CONRAD B. ACTON.....	Instructor in Pathology
HOWARD B. MAYS.....	Instructor in Pathology
WILLIAM B. VANDEGRIFT.....	Instructor in Pathology
WILLIAM J. BRYSON.....	Instructor in Pathology
KARL F. MECH.....	Instructor in Pathology
THEODORE KARDASH.....	Instructor in Pathology
LOUIS C. GAREIS.....	Instructor in Pathology
EDWARD L. J. KRIEG.....	Instructor in Pathology
JAMES R. KARNS.....	Instructor in Pathology
RAYMOND M. CUNNINGHAM.....	Instructor in Pathology
LESTER KIEFER.....	Instructor in Pathology
CHARLES F. CARROLL, JR.....	Instructor in Pathology
HARRY COHEN.....	Assistant in Pathology

Courses of instruction in pathology are given during the second and third years. The courses are based on the previous study of normal structure and function and aim to outline the history of disease. The relationship between clinical symptoms and anatomical lesions is constantly stressed.

GENERAL PATHOLOGY. *Second Semester, Second Year.* This course includes the study of disturbances of the body fluids; disturbances of structure, nutrition and metabolism of cells; disturbances of fat, carbohydrate and protein metabolism; disturbances of pigment metabolism; inflammation and tumors.

Laboratory instruction is based on the study of prepared slides (loan collection) and corresponding gross material.

APPLIED PATHOLOGY, INCLUDING GROSS MORBID ANATOMY AND MORBID PHYSIOLOGY. *Third Year.* The laboratory instruction in this course is carried out in small teaching museums where prepared specimens and material from autopsies with clinical histories and sections are available for study. For this work the class is divided into small groups. Clinical correlation is stressed.

AUTOPSIES. *Third Year.* Students in small groups attend autopsies at the morgue of the University Hospital.

CLINICAL-PATHOLOGICAL CONFERENCE. (*Fourth Year.*) These exercises are held in collaboration with the various clinical departments. Selected cases are discussed and autopsy findings are presented.

Second year.....	184 hours
Third year.....	160 hours
Fourth year.....	30 hours
Total.....	374 hours

PEDIATRICS

J. EDMUND BRADLEY.....	Professor of Pediatrics and Head of the Department
C. LORING JOSLIN.....	Professor of Pediatrics
A. H. FINKELSTEIN.....	Associate Professor of Pediatrics
FREDERICK B. SMITH.....	Associate Professor of Pediatrics
SAMUEL P. BESSMAN.....	Associate Professor of Pediatrics
ALBERT JAFFE.....	Associate Clinical Professor of Pediatrics
SAMUEL S. GLICK.....	Assistant Professor of Pediatrics
JEROME FINEMAN.....	Assistant Professor of Pediatrics
GIBSON J. WELLS.....	Assistant Professor of Pediatrics
WILLIAM M. SEABOLD.....	Assistant Professor of Pediatrics
ANNIE M. BESTEBREURTJE.....	Assistant Professor of Pediatrics
RUTH W. BALDWIN.....	Assistant Professor of Pediatrics
KURT GLASER.....	Assistant Professor of Pediatrics
CLEWELL HOWELL.....	Associate in Pediatrics
G. BOWERS MANSDORFER.....	Associate in Pediatrics
SIDNEY SCHERLIS.....	Associate in Pediatrics
MELCHIJAH SPRAGINS.....	Associate in Pediatrics
ARNOLD F. LAVENSTEIN.....	Instructor in Pediatrics
MARY L. HAYLECK.....	Instructor in Pediatrics
ISRAEL P. MERANSKI.....	Instructor in Pediatrics
THOMAS A. CHRISTENSEN.....	Instructor in Pediatrics
JOSEPH M. CORDI.....	Instructor in Pediatrics
LEONARD SCHERLIS.....	Instructor in Pediatrics
LESTER H. CAPLAN.....	Instructor in Pediatrics
EDWARD G. FIELD.....	Instructor in Pediatrics
MELVIN M. BORDEN.....	Instructor in Pediatrics
HOWARD GOODMAN.....	Instructor in Pediatrics
ROBERT M. N. CROSBY.....	Instructor in Pediatrics
GARRETT E. DEANE.....	Instructor in Pediatrics
RAYMOND L. CLEMMENS.....	Instructor in Pediatrics
ARNOLD TRAMER.....	Instructor in Pediatrics
FREDERICK J. HELDRICH.....	Instructor in Pediatrics
HENRY SEIDEL.....	Instructor in Pediatrics
GRANGE S. COFFIN.....	Instructor in Pediatrics
WILLIAM EARL WEEKS.....	Assistant in Pediatrics
J. CARLTON WICH.....	Assistant in Pediatrics
O. WALTER SPURRIER.....	Assistant in Pediatrics
MARY B. MATTHEWS.....	Assistant in Pediatrics
MIRIAM S. DALY.....	Assistant in Pediatrics
WILLIAM A. NIERMANN.....	Assistant in Pediatrics
LEON DONNER.....	Assistant in Pediatrics
KATHLEEN MCGRADY.....	Assistant in Pediatrics
DAVID JOSEPHS.....	Assistant in Pediatrics
JOHN W. LOOPER.....	Assistant in Pediatrics
G. V. RAMA ROW.....	Assistant in Pediatrics
JOHN M. KRAGER.....	Assistant in Pediatrics
ALVIN A. STAMBLER.....	Assistant in Pediatrics
NICHOLAS BACHUR.....	Tobacco Industry Research Fellow

BETTY I. IVINS.....P.H.S. Research Assistant in Pediatrics
 ROBERT SHIREY.....Frank C. Bressler Research Assistant in Pediatrics

Third Year. 1. Principles of Pediatrics: Physiology of newborn, growth and development, nutrition, problems of the premature infant and diseases of newborn are presented in lectures and demonstrations (20 hours).

2. Physical examination of the infant and child plus history taking and diagnosis are taught on the pediatric wards of the University Hospital (20 hours).

Fourth Year. Students are assigned in groups of twelve for a four-week period. Responsibility is given the student for history, physical examination, laboratory examinations and progress notes on pediatric patients of the University and Mercy Hospital pediatric divisions. Examination of neonates and follow-up care of patients in the development clinical is required daily.

Daily attendance in the Pediatric Out Patient Clinics is spent in interrogation, examination, diagnosis and treatment of patients.

Students alternate nights on the Pediatric service, and at this time, sleeping accommodations are provided them in the hospital.

Students spend one day of their four weeks in the offices of selected practicing pediatricians. During this time, they observe office management, techniques and problems of patients seen in private pediatric practice.

Conferences are held daily, Monday through Friday at 12:30 p.m. On Saturday the students present a clinico-pathologic conference at which time the students act as clinician and pathologist with faculty representatives of the Departments of Pathology and Pediatrics as moderators.

PHARMACOLOGY

JOHN C. KRANTZ, JR.....Professor of Pharmacology and Head of the Department
 RAYMOND M. BURGISON.....Assistant Professor of Pharmacology
 RUTH MUSSEY.....Instructor in Pharmacology
 FREDERICK K. BELL.....Assistant in Pharmacology
 AMEDEO S. MARRAZZI.....Lecturer in Pharmacology
 JOSEPH M. WHITE, III.....Lecturer in Pharmacology
 WILLIAM G. HARNE.....Demonstrator in Pharmacology
 JANE WRAY FORREST.....Emerson Fellow in Pharmacology
 HENRY F. WILSON, JR.....Fellow in Pharmacology
 CLAIRE K. HEISSE.....Research Assistant in Pharmacology
 M. JOSEPH REHAK.....Research Assistant in Pharmacology

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription-writing, toxicology, posology, pharmacodynamics, and experimental therapeutics. The laboratory exercises parallel the course of lectures.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

Total hours: 216.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PHYSICAL DIAGNOSIS [A DIVISION OF MEDICINE]

HENRY J. L. MARRIOTT.....	Associate Professor of Medicine, and Chief, Division of Physical Diagnosis
ROBERT A. REITER.....	Assistant Professor of Medicine
SAMUEL LEGUM.....	Assistant Professor of Medicine
EDMUND G. BEACHAM.....	Assistant Professor of Medicine
DANIEL WILFSON.....	Associate in Medicine
LEON ASHMAN.....	Associate in Medicine
STEPHEN J. VAN LILL.....	Associate in Medicine
WILLIAM G. HELFRICH.....	Associate in Medicine
ELIZABETH D. SHERRILL.....	Instructor in Medicine
FRANKLIN E. LESLIE.....	Instructor in Medicine
LAURISTON L. KEOWN.....	Instructor in Medicine
FRANCIS J. BORGES.....	Instructor in Medicine
JOSEPH C. MYERS.....	Assistant in Medicine
MARION FRIEDMAN.....	Assistant in Medicine
ANDERS ANDERSON.....	Assistant in Medicine

Second Year. A. The course in physical diagnosis begins with the first semester of the Sophomore year as a part of the instruction in Correlative Medicine. For three hours weekly throughout both semesters there is emphasis on history taking and technique of physical diagnosis as related to conjoint medicine. The course provides discussion of pathologic physiology by members of the clinical and pre-clinical departments.

B. In the second semester small tutorial groups are formed each under the direction of an instructor. In the first four weeks, experience in physical examination of normal individuals is given one afternoon weekly. During the subsequent 12 weeks, students become acquainted with abnormal signs through examination of hospital patients. For the first five of these 12 weeks, the Cardiology Division gives instruction in the physical examination of the heart. Thereafter, sections are assigned in rotation to Pediatrics and Neurology and for instruction in examination of the lungs and abdomen.

Third Year. Instruction in methods of physical diagnosis is stressed (1) during the clinical clerkship at the University Hospital and (2) at the Baltimore City Hospitals in the Outpatient Clinic and with the instruction on the chronic disease and tuberculosis wards.

PHYSIOLOGY

WILLIAM R. AMBERSON.....	Professor of Physiology and Head of the Department
DIETRICH C. SMITH.....	Professor of Physiology
FREDERICK P. FERGUSON.....	Associate Professor of Physiology
JOHN I. WHITE.....	Assistant Professor of Physiology
HOWARD B. BENSUSAN.....	Assistant Professor of Physiological Research
J. HENRY WILLS.....	Lecturer in Physiology
SAMUEL L. FOX.....	Instructor in Physiology

SYLVIA HIMMELFARB.....	Instructor in Physiology
JEANNE ANN BARRY.....	Junior Instructor in Physiology
RICHARD L. GLASSER.....	John F. B. Weaver Fellow in Physiology
BRIGITTE E. BLANKENHORN.....	Research Fellow in Physiology

First Year. Second Semester. The course in physiology is given in the second semester of the Freshman year. The course includes five lectures, two conferences and two 4-hour laboratory periods a week. The lectures cover all of the major fields in mammalian physiology.

Total hours: 225.

Graduate Courses. Consult the catalogue of the Graduate School for descriptions of the graduate courses offered by members of the staff.

PLASTIC SURGERY [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
C. PARKE SCARBOROUGH.....	Associate in Plastic Surgery
JOHN J. ANGELO.....	Assistant in Plastic Surgery
HENRIQUE B. DE MORAES.....	Fellow in Plastic Surgery

This course is designed to acquaint students with the problems of reconstructive and plastic surgery. A subdivision in the dispensary has been established and beds for patients will be available for instruction in this course at the University and Baltimore City Hospitals and Kernan's Hospital for Crippled Children.

Third Year. Five lectures are given to the whole class. Out-Patient department instruction is provided on Tuesdays. Dr. Scarborough.

Fourth Year. Ward rounds and operative demonstrations are held at the hospitals.

PREVENTIVE MEDICINE AND REHABILITATION

MAURICE C. PINCOFFS.....	Professor of Preventive Medicine and Rehabilitation and Head of the Department
HUNTINGTON WILLIAMS.....	Professor of Hygiene and Public Health
WILLIAM H. F. WARTHEN.....	Associate Professor of Hygiene and Public Health
ROSS DAVIES.....	Associate Professor of Hygiene and Public Health
FLORENCE I. MAHONEY.....	Associate Professor of Physical Medicine
MATTHEW L. TABACK.....	Assistant Professor of Hygiene and Public Health
GEORGE W. WATSON.....	Associate in Public Health
RAY J. BEASLEY.....	Associate in Preventive Medicine
HARRY B. SCOTT.....	Instructor in Preventive Medicine
GRANGE S. COFFIN.....	Instructor in Preventive Medicine

This department provides instruction in the principles of public sanitation, control of infectious disease, epidemiology, the preventive aspects of medical care programs and the operation of home, clinic and hospital programs of rehabilitation.

First Year. A. Orientation lectures and clinical conferences defining and illustrating the field of preventive medicine and rehabilitation.

B. Biostatistics. Fifteen lectures dealing with the basic methods of statistical

analysis and demonstration of their use in several areas of clinical investigation.

Second Year. A. Control of infectious disease. Lectures and field trips.

B. Correlative medicine. In this interdepartmental course preventive aspects of various diseases and programs of rehabilitation are stressed.

Third Year. A. Lectures and guided reading in the field of disease control, industrial medicine, medical care programs and medical economics.

B. Participation by students in local disease detection and control programs.

C. Participation by students in the evaluation of patients as to requirements and suitability for rehabilitation.

Fourth Year. A. Survey of patients' homes. In conjunction the departments of psychiatry, medicine and preventive medicine organize and supervise home surveys by students in which consideration is given to the family inter-relations, the economic situation, the dietary habits, the sanitation and the physical characteristics of the home as they influence the patients' illness.

PROCTOLOGY

[A DIVISION OF SURGERY]

MONTE EDWARDS	Professor of Proctology
THURSTON R. ADAMS	Assistant Professor of Proctology
SIMON BRAGER	Assistant Professor of Proctology
WILLIAM T. SUPIK	Associate in Proctology
RAYMOND M. CUNNINGHAM	Associate in Proctology
JOHN D. ROSIN	Associate in Proctology

Third Year. Seven lectures are given to the whole class. The course is for instruction in the diseases of the colon, sigmoid flexure, rectum and anus, and covers the essential features of the anatomy and physiology of the large intestine as well as the various diseases to which it is subject. Dr. Monte Edwards.

Fourth Year. Ward and dispensary instruction is given in the University and Mercy Hospitals, where different phases of the various diseases are taught by direct observation and examination. The use of the proctoscope and sigmoidoscope in the examination of the rectum and sigmoid is made familiar to each student. Mercy Hospital—Drs. Brager and Supik. University Hospital—Drs. Monte Edwards, Adams, Cunningham and Rosin.

Third year	7 hours
Fourth year	16 hours
Total	23 hours

PSYCHIATRY

JACOB E. FINESINGER	Professor of Psychiatry and Head of the Department
JOHN R. REID	Professor of Philosophy in Psychiatry
MAURICE H. GREENHILL	Professor of Psychiatry
H. WHITMAN NEWELL	Associate Professor of Psychiatry
GEORGE F. SUTHERLAND	Associate Professor of Psychiatry
MANFRED S. GUTTMACHER	Associate Clinical Professor of Psychiatry
ROBERT G. GRENELL	Associate Professor of Psychiatry
HARRY M. MURDOCK	Assistant Professor of Psychiatry
WILLIAM W. ELGIN	Assistant Professor of Psychiatry

J. G. N. CUSHING.....	Assistant Professor of Psychiatry
KATHRYN L. SCHULTZ.....	Assistant Professor of Psychiatry
KLAUS W. BERBLINGER.....	Assistant Professor of Psychiatry
LESTER M. LIBO.....	Assistant Professor of Medical Psychology
EPHRAIM T. LISANSKY.....	Associate in Psychiatry
CESAR MEZA.....	Associate in Psychiatry
ELIZABETH LAForge.....	Associate in Psychiatric Social Work
ENOCH CALLAWAY, JR.....	Instructor in Psychiatry
MARION W. MATHEWS.....	Instructor in Psychiatry
SAMUEL NOVEY.....	Instructor in Psychiatry
KENT E. ROBINSON.....	Instructor in Psychiatry
WILLIAM W. MAGRUDER.....	Instructor in Psychiatry
MARVIN JAFFE.....	Instructor in Psychiatry
MARCELLA WEISMAN.....	Instructor in Psychiatric Social Work
LIDA C. BROWN.....	Instructor in Psychiatry
BETSY G. WOOTTEN.....	Instructor in Psychiatry
BERNARD S. GORDON.....	Instructor in Psychiatry
MARGARET S. WILSON.....	Instructor in Psychiatric Social Work
BENJAMINE POPE.....	Instructor in Medical Psychology
FRANCES C. McGRATH.....	Instructor in Psychiatric Social Work
RALPH L. DUNLAP.....	Instructor in Medical Psychology
NATHAN SCHNAPER.....	Instructor in Psychiatry
KURT GLASER.....	Instructor in Psychiatry
WALTER S. EASTERLING.....	Instructor in Psychiatry
SHERMAN N. KIEFFER.....	Instructor in Psychiatry
ROBERT TRATTNER.....	Instructor in Psychiatry
SARAH V. HUFFER.....	Assistant in Psychiatry
BONNIE STRAIN.....	Assistant in Psychiatric Social Work
THOMAS D. HAUPT.....	Assistant in Medical Psychology
JOSEPH BIERMAN.....	Assistant in Psychiatry
ROGER S. WATERMAN.....	Assistant in Psychiatry
CHARLES S. WARD, JR.....	Assistant in Psychiatry
ISADORE TUERK.....	Consultant in Psychiatry
HARVEY A. ROBINSON.....	Research Associate in Psychiatry
GRACE L. FINESINGER.....	Research Associate in Psychiatry
MORITZ MICHAELIS.....	Research Associate in Psychiatry
RAYMOND I. BAND.....	Research Associate in Psychiatry
MELLY SIMON.....	Research Associate in Psychiatry
EMILY M. RODY.....	Fellow in Psychiatry
CHARLES BAGLEY, III.....	Fellow in Psychiatry
TANASH H. ATOYNATAN.....	Fellow in Psychiatry
FLORIS DE BALBIAN VERSTER.....	Research Assistant in Psychiatry
FLORENCE M. BURNETT.....	Research Assistant in Psychiatry
ARTHUR B. SILVERSTEIN.....	Research Assistant in Psychiatry
NORMA J. NONKEN.....	Research Assistant in Psychiatry
FRED DAVIS.....	Research Assistant in Psychiatry
DANIEL S. SAX.....	Research Assistant in Psychiatry

First Year. Sixteen one and one-half hour periods during the first semester, and sixteen one and one-half hour periods and thirty-two one hour periods during the

second semester are devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding and evaluating the personal and social factors in the disease process, in treatment and prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Second Year. Thirty-two one and one-half hour periods are spent in the first and second semesters in discussions and lectures. The emphasis is on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Third Year. Sixteen lecture hours are devoted to further considerations of special psychopathology and the principles of psychotherapy. Specialized forms of treatment are reviewed, but the main emphasis is toward familiarizing the student with forms of therapy feasible in routine medical practice. During 36 clinic hours the student will be supervised in history-taking, mental status and psychometric examination, and follow-up studies of patients.

Fourth Year. A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service. Topics are assigned from the current literature for group discussion. Four afternoons are spent in the wards of the Spring Grove State Mental Hospital in examining patients with emphasis in the diagnosis, treatment and management of the psychoses. Eight clinics are held for the entire fourth-year class.

RADIOACTIVE ISOTOPES [A DIVISION OF MEDICINE]

JOSEPH B. WORKMAN.....	Assistant Professor of Medicine and Acting Chief, Division of Radioactive Isotopes
JOHN M. DENNIS.....	Professor of Radiology and Assistant Chief, Division of Radioactive Isotopes
DOROTHY P. DeSANTIS.....	Research Assistant
M. JOANNE MITCHELL.....	Research Assistant

First Year. Orientation lecture on basic radiation physics and the University Hospital Isotope Program.

Second Year. Interdepartmental demonstrations and discussions with Departments of Physiology, Pharmacology and Medicine of specific physiological and pharmacological procedures that are adaptable to radioactive isotope techniques.

Third Year. Weekly seminars are given on radiation physics, radiation protection and the diagnostic and therapeutic uses of radioactive isotopes in Clinical and Laboratory Medicine.

Fourth Year. Weekly consultation rounds on clinical aspects of radioactive isotopes are given fourth year students during their training in Medicine and Surgery. Interested students assist in the Radioisotope Outpatient Clinic.

Summer Fellowships. The Section sponsors two summer fellowships with emphasis upon clinical application of isotopes and laboratory techniques.

RADIOLOGY

JOHN M. DENNIS.....	Professor of Radiology, and Head of the Department
CHARLES N. DAVIDSON.....	Professor of Clinical Radiology
JOHN DECARLO, JR.....	Assistant Professor of Radiology
ROBERT P. BOUDREAU.....	Assistant Professor of Radiology
EDWARD R. DANA.....	Assistant Professor of Radiology
HERBERT B. COPELAND.....	Instructor in Radiology
HERBERT L. WARRES.....	Instructor in Radiology
HENRY H. STARTZMAN, JR.....	Instructor in Radiology
NATHAN B. HYMEN.....	Assistant in Radiology
ROBERT W. SWAIN.....	Consultant in Radiologic Physics, Cancer Teaching Program

First Year. A correlated course between gross anatomy, neuro anatomy and roentgen anatomy is given. This course is given sporadically during the year in the form of lecture-demonstrations. Not only is normal anatomy shown but the radiological aspects of a few pathological processes are shown for emphasis and correlation.

Second Year. Lecture-demonstrations are given in conjunction with a course in pathology for correlation between gross pathology and roentgenological manifestations of various diseases. A correlative course is also given in physiology and roentgenology to demonstrate physiological processes as can be demonstrated roentgenologically.

Third Year. Lecture-demonstrations in diagnostic radiology are given to small groups of medical students at Baltimore City Hospitals. Basic radiation physics is briefly given.

Fourth Year. Lecture-demonstrations are again given in small groups in diagnostic radiology. These are given weekly at Mercy and bi-weekly at University Hospital. An effort is made to familiarize the students with indications for roentgenological studies in the diagnosis of various diseases.

No special courses are given in radiation therapy but radiation therapy is discussed in the oncology clinic in conjunction with the patients present.

Weekly conferences are held in conjunction with the Departments of Pediatrics, Surgery and Neurosurgery to which third and fourth year medical students are invited.

SPEECH TRAINING CLINIC [A DIVISION OF SURGERY]

EDWARD A. KITLOWSKI.....	Clinical Professor of Plastic Surgery
RAY EHRENSBERGER.....	Professor of Speech
MERLE ANSBERRY	Associate Professor of Speech

This department has been installed in conjunction with the Department of Speech of the University at College Park to evaluate the speech difficulties in children with congenital defects. Admission to the Clinic is by appointment only. The Clinic operates all day Thursdays.

SURGERY

ROBERT W. BUXTON.....	Professor of Surgery, and Acting Head of the Department
WALTER D. WISE	Professor of Surgery
D. J. PESSAGNO	Professor of Clinical Surgery
GEORGE H. YEAGER.....	Professor of Clinical Surgery
MONTÉ EDWARDS	Clinical Professor of Surgery
OTTO C. BRANTIGAN.....	Professor of Clinical Surgery
HARRY C. HULL.....	Professor of Clinical Surgery
JAMES W. NELSON.....	Professor of Clinical Surgery
R. RIDGEWAY TRIMBLE.....	Professor of Clinical Surgery
CHARLES A. REIFSCHNEIDER.....	Clinical Professor of Traumatic Surgery
EDWARD S. JOHNSON.....	Associate Professor of Surgery
CYRUS F. HORINE.....	Associate Professor of Surgery
C. W. PEAKE.....	Associate Professor of Surgery
WILLIAM F. REINHOFF, JR.....	Associate Professor of Surgery
W. WALLACE WALKER.....	Associate Professor of Surgery and Surgical Anatomy
H. F. BONGARDT.....	Assistant Professor of Surgery
I. O. RIDGELY.....	Assistant Professor of Surgery
ARTHUR G. SIWINSKI.....	Assistant Professor of Surgery
SIMON BRAGER.....	Assistant Professor of Surgery and Proctology
THURSTON R. ADAMS.....	Assistant Professor of Surgery
HARRY C. BOWIE.....	Assistant Professor of Surgery
R. ADAMS COWLEY.....	Assistant Professor Thoracic Surgery, Director Cardio-Pulmonary Service, and Assistant Director Experimental Surgery.
GEORGE GOVATOS.....	Assistant Professor of Surgery
RAYMOND F. HELFRICH.....	Associate in Surgery
WILLIAM B. SETTLE.....	Associate in Surgery
JOSEPH V. JERARDI.....	Associate in Surgery
HERBERT E. REIFSCHNEIDER.....	Associate in Surgery
HAROLD H. BURNS.....	Associate in Surgery
WILLIAM L. GARLICK.....	Associate in Surgery
PATRICK C. PHELAN.....	Associate in Surgery
EDWIN H. STEWART, JR.....	Associate in Surgery
E. RODERICK SHIPLEY.....	Associate in Surgery
ROBERT C. SHEPPARD.....	Associate in Surgery
F. FORD LOKER.....	Associate in Surgery
KARL F. MECH.....	Associate in Surgery
JOSEPH M. MILLER.....	Associate in Surgery
J. DUER MOORES.....	Instructor in Surgery

CALVIN HYMAN.....	Instructor in Surgery
CLYDE F. KARNs.....	Instructor in Surgery
GEORGE H. BROUILLET.....	Instructor in Surgery
JOHN F. SCHAEFER.....	Instructor in Surgery
ROBERT F. HEALY.....	Instructor in Surgery
LOUIS E. GOODMAN.....	Instructor in Surgery
HAROLD L. ZUPNIK.....	Instructor in Surgery
MICHAEL L. DEVINCENTES.....	Instructor in Surgery
RAYMOND M. CUNNINGHAM.....	Instructor in Surgery
WILLIAM D. LYNN.....	Instructor in Surgery
DAVID R. WILL.....	Instructor in Surgery
WILLIAM R. GERAGHTY.....	Assistant in Surgery
HOWARD B. McELWAIN.....	Assistant in Surgery
A. V. BUCHNESS.....	Assistant in Surgery
T. J. TOUHEY.....	Assistant in Surgery
L. T. CHANCE.....	Assistant in Surgery
W. ALLEN DECKERT.....	Assistant in Surgery
WILLIAM C. DUNNIGAN.....	Assistant in Surgery
JOHN W. CHAMBERS.....	Assistant in Surgery
ROSS Z. PIERPONT.....	Assistant in Surgery
HAROLD P. BIEHL.....	Assistant in Surgery
KIRK MOORE.....	Assistant in Surgery
WILLIAM B. REVER, JR.....	Assistant in Surgery
LEONARD G. HAMBERRY.....	Assistant in Surgery
HARRY A. LANGENFELDER.....	Assistant in Surgery
BATE C. TOMS.....	Assistant in Surgery
CHARLES E. SIMONS, JR.....	Assistant in Surgery

Instruction is given by means of lectures, laboratory work, recitations, dispensary work, bedside instruction, ward classes, and clinics. The work begins in the second year and continues throughout the third and fourth years.

The teaching is done in the anatomical laboratory, operative surgery laboratory, the Out-Patient departments, wards, laboratories and operating rooms of the University and Mercy Hospitals, and in the wards and operating rooms of the Baltimore City Hospitals.

SECOND YEAR

TOPOGRAPHIC AND SURGICAL ANATOMY. *Second semester.* The course is designed to bridge the gap between anatomy in the abstract and clinical anatomy applied to the study and practice of medicine and surgery.

The teaching is done in the anatomical laboratory. Students are required to dissect and to demonstrate all points, outlines, and regions on the cadaver. Underlying regions are dissected to bring out outlines and relations of structures.

Two lectures and two laboratory periods per week. Drs. Brantigan, Walker, Settle, Bowie, H. E. Reifschneider, Pierpont and Garrett.

Total hours: 96.

PRINCIPLES OF SURGERY. *Second semester.* The course includes discussions of irritants, infection, repair of tissue, healing of tissue, relationship of bacteriology

to surgery, modern chemotherapy in surgical diseases, ulcers, wounds, thrombophlebitis, phlebothrombosis, peripheral vascular diseases, thermal burns, injuries due to cold, surgical shock, diseases of the lymphatics, gangrene of the skin and extremities, aneurysms, hemorrhage, varicose veins, embolism, sinuses and fistulae, tetanus, anthrax and actinomycosis.

Lectures, two hours a week for one semester, are given to the whole class. Drs. Adams and Lynn.

THIRD YEAR

GENERAL AND REGIONAL SURGERY. Lectures, recitations and clinics are given on the principles of surgery and general surgery including fractures and dislocations. Three hours a week to the whole class. Dr. Hull.

The class is divided into groups. Instruction in history-taking and surgical pathology is given under the supervision of the chief of the pathology department of the Baltimore City Hospitals. Instruction is also given in surgical diagnosis and in general surgery at the bedside and in the classroom at B.C.H. by Drs. Bowie, Koontz, Brantigan, Adams and Tansey. Two hours per week are given in orthopaedic surgery by Dr. Voshell, chief of the orthopaedic service of this institution.

OPERATIVE SURGERY. Lectures and operative demonstrations are given under the supervision of Dr. Yeager assisted by Dr. Govatos. The class is divided into sections and each section is given practical and individual work under the supervision of instructors.

SURGICAL OUT-PATIENT DEPARTMENT. Under supervision, the student takes the history, makes the physical examination, attempts the diagnosis and, as far as possible, carries out the treatment of ambulatory surgical patients in the University and Mercy Hospitals. Mercy Hospital—Dr. Raymond F. Helfrich assisted by the out-patient staff. University Hospital—Drs. Settle and Sheppard assisted by the out-patient staff.

FOURTH YEAR

CLINICS. Surgical pathological Conference. A weekly conference is conducted at the University Hospital for the entire class. Daily ward classes at University and Mercy Hospitals, and half day ward work under the supervision of Dr. E. R. Shipley at University and Dr. Patrick C. Phelan, Mercy Hospital.

SURGERY OF THE CHEST. Mercy Hospital. Operations and conferences. 14 hours. Drs. Rienhoff and Garlick.

TRAUMATIC SURGERY. This course deals with operative and post-operative treatment of accident cases and with instructions as to the relationship between the state, the employee, the employer, and the physician's duty to each. One hour a week to sections of the class throughout the year. Dr. C. A. Reifschneider.

CLINICAL CLERKSHIP. This work includes the personal study of assigned hospital patients under supervision of the staffs of the University and Mercy Hospitals, and embraces history-taking, and physical examination of patients, laboratory examinations, attendance at operations and observation of post-operative treatment.

WARD CLASSES. Ward-class instruction in small groups will consist of ward rounds, surgical diagnosis, treatment and the after-care of operative cases. Mercy Hospital—Drs. Wise, Pessagno, Nelson, Trimble, Brager, Jerardi, Garlick and Loker. University Hospital—Drs. C. Reid Edwards, Yeager, Hull and C. A. Reifschneider.

THORACIC SURGERY [A DIVISION OF SURGERY]

OTTO C. BRANTIGAN.....	Professor of Thoracic Surgery
WILLIAM L. GARLICK.....	Associate Professor of Thoracic Surgery
R. ADAMS COWLEY.....	Assistant Professor of Thoracic Surgery
ELLIOTT MICHELSON.....	Instructor in Thoracic Surgery
DONALD B. HEBB.....	Assistant in Thoracic Surgery
CALVIN Y. HADIDIAN.....	Assistant in Thoracic Surgery
JACOB ZIMMERMAN.....	Resident in Thoracic Surgery
SANTIAGO LOMBANA.....	Fellow in Thoracic Surgery

Men having completed three years of American Board of Surgery training are eligible for appointment. The first year is spent in thoracic research surgery. The second year is in clinical thoracic surgery at Baltimore City, Mercy and University Hospitals.

TROPICAL MEDICINE [A DIVISION OF MEDICINE]

Certain phases of tropical medicine are considered in the course on clinical pathology. In addition, a course of lectures and demonstrations is given to the entire fourth year class.

TUBERCULOSIS [A DIVISION OF MEDICINE]

During the third year in connection with the instruction in physical diagnosis a practical course is given at the Municipal Tuberculosis Hospital. Stress is laid upon the recognition of the physical signs of the disease, as well as upon its symptomatology and gross pathology.

UROLOGY [A DIVISION OF SURGERY]

W. HOUSTON TOULSON.....	Professor of Urology
KENNETH D. LEGGE.....	Professor of Clinical Urology
HOWARD B. MAYS.....	Assistant Professor of Urology
FRANCIS W. GILLIS.....	Assistant Professor of Urology
JOHN F. HOGAN, SR.....	Assistant Professor of Urology
JOHN S. HAINES.....	Assistant Professor of Urology
AUSTIN H. WOOD.....	Associate in Urology
LYLE J. MILLAN.....	Associate in Urology
L. K. FARGO.....	Associate in Urology
HUGH J. JEWETT.....	Associate in Urology
MARTIN A. ROBBINS.....	Associate in Urology
JOHN D. YOUNG, JR.....	Associate in Urology
JOSEPH H. MENNING.....	Instructor in Urology
HERMAN J. MEISEL.....	Instructor in Urology
WILFORD A. COUNCILL, JR.....	Instructor in Urology

JOHN F. HOGAN, JR.....	Instructor in Urology
IRVING SCHERLIS.....	Assistant in Urology
CHARLES F. SIMMONS.....	Resident in Urology

Third Year. At present 15 lectures on the fundamentals of Urology are given to the entire class. Dr. Mays.

Fourth Year. The patients on the urological wards are presented and discussed during the periods of 1-2 hours each week to the section of the senior class assigned to Surgery. The cases are presented by the student who has been assigned the patient on the wards. An opportunity is provided for the student to observe most of the diagnostic procedures in Urology. An opportunity is provided for the student to follow this patient through operative procedures as well.

A discussion of the clinical problems in Urology given by one of the attending urologists at the Mercy Hospital once weekly following one of the out-patient clinics.

Third year.....	15 hours
Fourth year.....	48 hours
Total.....	63 hours

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S..... Director of Libraries and Professor
of Library Science

IDA MARIAN ROBINSON, A.B., B.S.L.S..... Librarian and Associate Professor of
Library Science

HILDA E. MOORE, A.B., A.B.L.S..... Associate Librarian

FLORENCE R. KIRK..... Reference Librarian

HARRIETTE W. SHELTON, B.A., B.S.L.S..... Cataloguer

ELIZABETH E. MCCOACH..... Assistant to the Librarian

PATRICIA C. WATKINS..... Assistant to Cataloguer

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. BUBERT, *Chairman and Director*

DIETRICH C. SMITH, *Assistant Director and 1st Vice-chairman* JOHN C. KRANTZ, JR.

L. A. M. KRAUSE, *2nd Vice-chairman* J. MORRIS REESE

J. EDMUND BRADLEY HARRY M. ROBINSON, JR.

OTTO C. BRANTIGAN MILTON S. SACKS

WILLIAM K. DIEHL WILLIAM H. TRIPLETT

FRANK H. J. FIGGE ALLEN F. VOSHELL

JOHN A. WAGNER

ELIZABETH CARROLL, *Executive Secretary*

The Dean—*Ex Officio*

WILLIAM S. STONE—*Ex Officio*

Calendar: Postgraduate courses are offered from September 15 to June 1.

The weekly television presentation "TV-MD" resumed on September 26, 1954. and enjoyed wide acceptance. The audience each Sunday afternoon was approxi-

mately 200,000 viewers. The program appeared on WBAL-TV, Channel 11. The current series ended on Sunday, May 29, 1955 and will be resumed in the Fall of 1955.

The following intramural postgraduate courses have been continued:

ANATOMY

General Anatomy. Designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition is arranged according to registration, content and duration.

Anatomy of the Head and Neck as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition is \$150.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

Surgical Anatomy. Designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition is \$150.00.

PATHOLOGY

Neuropathology. Designed to aid in meeting the requirements of the specialty boards in neurological sciences, and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition is \$200.00 plus \$10.00 laboratory fee.

GYNECOLOGY

Gynecology, Oncology and Female Urology. This is a REVIEW, designed primarily for the general practitioner. Students attend lectures, ward rounds, and clinics and OBSERVE operations. Full time for ten weeks. Tuition is \$125.00.

GYNECOLOGY AND OBSTETRICS

Gynecology and Obstetrics. This is a REVIEW, designed for the general practitioner. Students attend lectures, ward rounds and clinics, and OBSERVE operations and deliveries. Full time for twelve weeks. Tuition is \$150.00.

BASIC SCIENCES

Basic Sciences as they apply to the practice of medicine. Designed to familiarize students with the advances in basic sciences during recent years. The course consists of 32 periods of 2 hours each, once a week between October and June. Tuition is \$50.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Postgraduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams	Frank H. J. Figge	J. Morris Reese
Marie A. Andersch	Jacob E. Finesinger	Herbert E. Reifschneider
James G. Arnold, Jr.	A. H. Finkelstein	Dexter L. Reimann
Francis Borges	Russel S. Fisher	Harry M. Robinson, Jr
Harry C. Bowie	Albert E. Goldstein	Harry M. Robinson, Sr.
J. Edmund Bradley	Maurice Greenhill	Raymond C. V. Robinson
Otto C. Brantigan	Lewis P. Gundry	Milton S. Sacks
George H. Brouillet	Nathan B. Herman	John E. Savage
Howard M. Bubert	Harry C. Hull	Leonard Scherlis
Raymond M. Burgison	J. Mason Hundley, Jr.	Sidney Scherlis
T. Nelson Carey	D. Frank Kaltreider	Emil G. Schmidt
Robert Chenowith	Theodore Kardash	William B. Settle
Ernest I. Cornbrooks, Jr.	Vernon E. Krah	Dietrich C. Smith
Edward F. Cotter	John C. Krantz, Jr.	Merrill Snyder
R. Adams Cowley	L. A. M. Krause	Hugh R. Spencer
Richard J. Cross, Jr.	Arnold F. Lavenstein	Melchijah Spragins
John DeCarlo, Jr.	C. Edward Leach	Edwin H. Stewart, Jr.
John M. Dennis	Ephraim T. Lisansky	W. Houston Toulson
Francis G. Dickey	William S. Love, Jr.	Henry F. Ullrich
William K. Diehl	Wm. V. Lovitt, Jr.	Allen Fiske Voshell
Everett S. Diggs	Hugh B. McNally	John A. Wagner
D. McClelland Dixon	Howard B. Mays	Wallace Walker
Louis H. Douglass	Samuel Morrison	Milton J. Wilder
J. Sheldon Eastland	H. Whitman Newell	Walter D. Wise
W. Carl Eberling, III	Robert H. Oster	Henry L. Wollenweber
Charles Reid Edwards	Frank J. Otenasek	Theodore E. Woodward
Monte Edwards	Robert T. Parker	Joseph B. Workman
William L. Fearing	Ross Z. Pierpont	Robert B. Wright
Frederick P. Ferguson	Maurice C. Pincoffs	George H. Yeager

FIRST YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 22, 1955 TO JANUARY 28, 1956

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 10:00	Histology and Embryology		1st 3 lectures Orientation 9:00-9:50 A.H.			Man and His Environment 9:00-10:50 C.H.
10:00 to 11:00	Neuro-Anatomy	Neuro-Anatomy		Neuro-Anatomy	Histology and Embryology	
11:00 to 12:00	B2 Lab.	B2 Lab.	Histology and Embryology 9:00-12:00 B2 Lab.	B2 Lab.	B2 Lab.	
12:00 to 1:00	Lunch					Psychiatry 11:00-12:30 Room 171 P.I.
1:00 to 2:00	Gross Anatomy Lecture A.H. 1:00-2:00	Gross Anatomy Conference A.H. 1:00-2:00	Unscheduled Time	Gross Anatomy Lecture A.H. 1:00-2:00	Gross Anatomy Conference A.H. 1:00-2:00	
2:00 to 5:00	Gross Anat. Lab. B1 Lab.	Gross Anat. Lab. B1 Lab. Neuro-Anatomy		Gross Anat. Lab. B1 Lab. Neuro-Anatomy	Gross Anat. Lab. B1 Lab.	

A.H.—Anatomical Hall, Upper Hall, 522 West Lombard St.
 B1—1st floor, Bressler Bldg.—Laboratory—29 S. Greene St.
 B2—2nd floor, Bressler Bldg.—Laboratory—29 S. Greene St.
 C.H.—Chemical Hall, Lower Hall, 522 West Lombard St.
 P.I.—Psychiatric Institute, 643 Redwood St.

SECOND SEMESTER, JANUARY 30 TO JUNE 9, 1956

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 9:50	Biochem. Lect. Adm. 1	Biochem. Lect. Adm. 1	Biochem. Lect. Adm. 1	Biochem. Lect. Adm. 1	Biochem. Lect. Adm. 1	Man and His Environment C.H. 9:00-10:50
10:00 to 10:50	Physiol. Lect. B2	Physiol. Lect. B2	Physiol. Lect. B2	Physiol. Lect. B2	Physiol. Lect. B2	
11:00 to 11:50	Physiol. Conf. B2	Biochem. Conf. Adm. 1	Physiol. Conf. B2	Biochem. Conf. Adm. 1	Biostatistics C.H.	
12:00 to 1:00	Lunch					Psychiatry Room 171 P.I. 11:00-12:30
1:00 to 5:00	Laboratory Sect. A Physiol. B4 Lab. Sect. B Biochem. 3rd floor, 31 S. Greene St.	Laboratory Sect. B Physiol. B4 Lab. Sect. A Biochem. 3rd floor, 31 S. Greene St.	Unscheduled Time	Laboratory Sect. A Physiol. B4 Lab. Sect. B Biochem. 3rd floor, 31 S. Greene St.	Laboratory Sect. B Physiol. B4 Lab. Sect. A Biochem. 3rd floor, 31 S. Greene St.	

Adm. 1—1st floor, Administration Bldg.—Lecture Hall—520 W. Lombard St.
 B2—2nd floor, Bressler Bldg.—Lecture Hall—29 S. Greene St.
 B4—4th floor, Bressler Bldg.—Laboratory—29 S. Greene St.
 C. H.—Chemical Hall, Lower Hall—522 W. Lombard St.
 P. I.—Psychiatric Institute, 643 Redwood St.

Mid-Year Examinations—January 23-28, 1956

Final Examinations—Begin May 28, 1956

SECOND YEAR SCHEDULE

FIRST SEMESTER, SEPTEMBER 22, 1955 TO JANUARY 28, 1956

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:00		Physiol. Lect. 8:30-9:20 <i>B2</i>		Phar. Lect. 8:30-9:20 <i>B2</i>	Physiol. Lect. 8:30-9:20 <i>B2</i>	
9:00 to 9:30	Microbiology Lect. 9:00-10:00 <i>B2</i>		Microbiology Lect. 9:00-10:00 <i>B2</i>			Correlative Medicine 9:00-10:50 <i>Room 171 P.I.</i>
9:30 to 10:00		Microbiology Lect. 9:30-10:30 <i>B2</i>		Microbiology Lect. 9:30-10:30 <i>B2</i>	Physiol. Conf. 9:30-10:20	
10:00 to 10:30	Microbiology Laboratory 10:00-12:00 <i>2nd floor, 31 S. Greene St.</i>		Microbiology Laboratory 10:00-12:00 <i>31 S. Greene St.</i>			
10:30 to 11:00		Microbiology Laboratory 10:30-12:30 <i>31 S. Greene St.</i>		Microbiology Laboratory 10:30-12:30 <i>31 S. Greene St.</i>	Phar. Lect. 10:30-11:20 <i>B2</i>	
11:00 to 11:30						
11:30 to 12:00					Psychiatry 11:30-1:00 <i>Room 171 P.I.</i>	
12:00 to 12:30	Lunch		Lunch			
12:30 to 1:00	Physiol. Lect. 12:30-1:30 <i>B2</i>	Lunch	Physiol. Lect. 12:30-1:30	Lunch		
1:00 to 1:30		Clin. Pathol. Lect. 1:00-2:00 <i>B2</i>			Lunch	
1:30 to 2:00	Laboratory Sect. A Physiol. <i>B4</i> Sect. B, un- sched. time 1:30-5:00		Laboratory Sect. B Physiol. <i>B4</i> Sect. A, un- sched. time 1:30-5:00	Laboratory Sect. A Physiol. <i>B4</i> Sect. B Phar. <i>B3</i> 1:30-5:00	Laboratory Sect. B Physiol. <i>B4</i> Sect. A Phar. <i>B3</i> 1:30-5:00	
2:00 to 5:00		Clin. Path. Lab. 2:00-5:00 <i>B5</i>				

SECOND SEMESTER, JANUARY 30 TO JUNE 9, 1956

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00 to 8:30					Prev. Med. 8:00-8:50 <i>C.H.</i>	
8:30 to 9:00			Surg. Anat. 8:30-9:30 <i>B2</i> 9:30-11:20 <i>B1 Lab.</i>			
9:00 to 9:30	Pathol. Lect. 9:00-10:00 <i>C.H.</i>	Pathol. Lect. 9:00-10:00 <i>C.H.</i>		Pathol. Lect. 9:00-10:00 <i>C.H.</i>	Pathol. Lect. 9:00-10:00 <i>C.H.</i>	Correlative Medicine 9:00-10:50 <i>Room 171 P.I.</i>
9:30 to 10:00						
10:00 to 10:30	Pathology Laboratory 10:00-12:00 <i>1st floor, 31 S. Greene St.</i>	Pathology Laboratory 10:00-12:00 <i>1st floor, 31 S. Greene St.</i>		Pathology Laboratory 10:00-12:00 <i>1st floor, 31 S. Greene St.</i>	Pathology Laboratory 10:00-12:00 <i>1st floor, 31 S. Greene St.</i>	
10:30 to 11:00						
11:00 to 11:30						Pathology Lecture 11:00-12:00 <i>C.H.</i>
11:30 to 12:00			Phar. Lect. 11:30-12:30 <i>C.H.</i>			
12:00 to 12:30	Lunch 12:00-1:00			Lunch 12:00-1:00		
12:30 to 1:00						
1:00 to 1:30	Neurology 1:00-1:50 <i>C.H.</i>	Clin. Path. 1:00-2:00 <i>B2</i>	Lunch 12:30-1:30	Phar. Lect. 1:00-1:50 <i>B2</i>	Phar. Lect. 1:00-1:50 <i>B2</i>	
1:30 to 2:00			Psychiatry 1:30-3:00 <i>Room 171 P.I.</i>			
2:00 to 5:00	Surg. Anat. 2:00-3:00 <i>B2</i> 3:00-5:00 <i>B1 Lab.</i>	Laboratory 2:00-5:00 <i>B5</i>		Phar. Lab. 2:00-5:00 <i>B3</i> Physical Diag. 2:00-5:00 <i>U.H.D.</i>		
				Sect. A <i>B3</i>	Sect. B	
				Sect. B	Sect. A	

B1, 1st floor Laboratory, *B2*, 2nd floor Lecture Hall, *B3*, 3rd floor Laboratory, *B4*, 4th floor Laboratory, *B5*, 5th floor Laboratory—Bressler Bldg., 29 S. Greene St. *C.H.*—Chemical Hall, Lower Hall—522 W. Lombard St. *P.I.*—Psychiatric Institute, 643 Redwood St. *U.H.D.*—University Hospital Out Patient Department, 601 Lombard St. Mid-year Examinations—January 23-28, 1956; Final Examinations—Begin May 28, 1956.

THIRD YEAR SCHEDULE

SEPTEMBER 22, 1955 TO MAY 26, 1956

LECTURE SCHEDULE**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00 to 8:50	Surgery <i>C. H.</i>	Surgery <i>C. H.</i>	Obstetrics <i>C. H.</i>	Surgery <i>C. H.</i>	Pathology <i>C. H.</i>	Surgical Specialties <i>C. H.</i>
9:00 to 9:50	Medicine Neurology Preventive Medicine <i>C. H.</i>	Obstetrics 1st Semester Psychiatry 2nd Semester <i>C. H.</i>	Surgical Spec. Urology Plastic Surgery Ophthalmology <i>C. H.</i>	Gynecology Ophthalmology <i>C. H.</i>	Medicine Legal Medicine Preventive Medicine <i>C. H.</i>	<i>C. P. C.</i> <i>AMP.</i>

CLASS DIVISIONS*

Division 1	Division 2	Division 3	Division 4†
Medicine — Legal Medicine Industrial Medicine Neurology Infectious Diseases Preventive Medicine	Surgery — Operative Surgery Neurosurgery Otolaryngology Otolgy Ophthalmoscopy Pathology	The Specialties — Obstetrics Pathology Psychiatry Pediatrics	Clinical Clerkships Neurology Pathology Radiology Orthopaedics

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
September 22, 1955 to November 16, 1955 (8 weeks) Groups 1 and 2 Division 1 Groups 3 and 4 Division 2 Groups 5 and 6 Division 3 Groups 7 and 8 Division 4	January 30, 1956 to March 24, 1956 (8 weeks) Groups 1 and 2 Division 3 Groups 3 and 4 Division 4 Groups 5 and 6 Division 1 Groups 7 and 8 Division 2
2nd Quarter	4th Quarter
November 17, 1955 to January 28, 1956 (8 weeks) Groups 1 and 2 Division 2 Groups 3 and 4 Division 3 Groups 5 and 6 Division 4 Groups 7 and 8 Division 1	March 26, 1956 to May 26, 1956 (8 weeks) Groups 1 and 2 Division 4 Groups 3 and 4 Division 1 Groups 5 and 6 Division 2 Groups 7 and 8 Division 3

** Refer to mimeographed schedules for complete details.

NOTE: April 19 and 20 Annual Meeting Medical and Chirurgical Faculty.

* The Curriculum is arranged into 4 divisions, and the class into 8 groups. The entire class assembles daily (except Sunday) for lectures at 8:00 and at 9:00 a.m. in Chemical Hall after which students assigned to Division 4 transfer to S.C.H. Divisions 1, 2, and 3 remain at University Hospital.

† Students of Division 4 spend 8 weeks at Baltimore City Hospitals. On Mondays and Tuesdays students assigned to Division 4 at Baltimore City Hospitals return to the Medical School for Medical Clinic and Pathology.

4-week Periods:

September 22–October 19
October 20 –November 16
November 17–December 21
January 3 –January 28

January 30 –February 25
February 27–March 24
March 26 –April 28
April 30 –May 26

FOURTH YEAR SCHEDULE

SEPTEMBER 22, 1955 TO MAY 26, 1956

CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks)	Pediatrics (4 weeks)	Surgery and Surgical Specialties (8 weeks)	Obstetrics (2 weeks)
—	—	—	—
Neurology	Psychiatry	Urology	Gynecology
Hypertension	(4 weeks)	Neuro Surgery	Oncology
Cardiology		Otology,	(2 weeks)
Gastro-Enterology		Otolaryngology	—
Metabolism		Orthopaedics	Dermatology & Syphilology
Allergy		—	Oncology
Infectious Diseases		Radiology	Ophthalmology
—			Anesthesiology
Radiology			(4 weeks)

STUDENT GROUP ASSIGNMENTS

1st Quarter	3rd Quarter
Sept. 22, 1955 to Nov. 16, 1955 (8 weeks)	Jan. 30, 1956 to March 24, 1956 (8 weeks)
Groups 1, 2, 3, 4 to Division 1†	Groups 1, 2, 3, 4 to Division 3†
Groups 5, 6, 7, 8 to Division 2	Groups 5, 6, 7, 8 to Division 4
Groups 9, 10, 11, 12 to Division 3†	Groups 9, 10, 11, 12 to Division 1†
Groups 13, 14, 15, 16 to Division 4	Groups 13, 14, 15, 16, to Division 2
2nd Quarter	4th Quarter
Nov. 17, 1955 to Jan. 28, 1956 (8 weeks)	March 26, 1956 to May 26, 1956 (8 weeks)
Groups 1, 2, 3, 4 to Division 2	Groups 1, 2, 3, 4 to Division 4
Groups 5, 6, 7, 8 to Division 3†	Groups 5, 6, 7, 8 to Division 1†
Groups 9, 10, 11, 12 to Division 4	Groups 9, 10, 11, 12 to Division 2
Groups 13, 14, 15, 16 to Division 1†	Groups 13, 14, 15, 16 to Division 3†

* The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

† The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups of students assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks. Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE AND COLLEGE OF PHYSICIANS AND SURGEONS

GRADUATES, JUNE 4, 1955

ALBRECHT, JOHN GEORGE....	New York
BAKER, GEORGE KOHLER, B.A..	Maryland
BALCERZAK, STANLEY PAUL, JR.	
	Pennsylvania
BALL, JAMES JOHN.....	Maryland
BARNETT, ROBERT MAITLAND, JR.	
	South Carolina
BENITEZ-VAN RHYN, EUGENIO ENRIQUE, B.A.....	Puerto Rico
BEYER, OTTO CHRISTIAN, B.S....	Maryland
BLANKMAN, NORMAN, B.S....	Maryland
BRADLEY, ALBERT BENNETT, B.A.	
	Maryland
BRUNSCHWYLER, PHILIP CRAIG, A.B.	
	West Virginia
BULLARD, FOSTER LUCIUS, JR., A.B.	
	Florida
CAMERON, DONALD CHISHOLM, B.A.	
	Delaware
CAPEL, NEAL CONRAD, B.S....	Utah
CAVALLARO, JOSEPH WILLIAM, B.S.	
	Maryland
CHARLES, RODERICK EDWARD, B.S.	
	Maryland
CLOSE, JAMES MCCLAY, B.A....	Maryland
COHEN, JONAS KOLKER, A.B....	Maryland
COLE, ROGER WILLARD, B.S....	Maryland
CORNELL, ROGER DETLEF, B.S....	Maryland
COWAN, THOMAS WARNER, B.S.	
	Pennsylvania
COX, EVERARD FRANCIS, B.S....	Utah
DALY, MARY VIOLA, B.S., M.S.	
	Maryland
DANN, THEODORE ALVIN, B.S....	Maryland
DARRELL, JOHN JOSEPH.....	Maryland
DAVIS, THOMAS EDWARD, B.A....	Maryland
DEMBO, DONALD HOWARD, B.A.	
	Maryland
DIEDERICHS, HENRY AUGUST, B.A..	Ohio
DVORINE, WILLIAM, B.A.....	Maryland
ENGERS, JOHN ALBERT, JR., B.S.	
	Maryland
ESHELMAN, JOSEPH CHALICE....	Maryland
FELDMAN, MARTIN JEROME, B.S.	
	Maryland
FREDERICK, JAMES NELSON, A.B.	
	West Virginia
FRISKEY, GEORGE HAMILTON, B.A.	
	Maryland
GALLOWAY, CHARLES BARTON, B.A.	
	Maryland
GAULD, JOHN ROSS, A.A.....	Maryland
GELHAUS, VERNON MAYNARD....	Maryland
GIFFORD, GEORGE EDMUND, JR., B.S.	
	Maryland
GILMORE, GEORGE TRAVERS, B.A.	
	Maryland
GOLDBERG, JULIAN ROBERT, B.A.	
	Maryland
GOLDINER, MARVIN ALFRED, B.S.	
	Maryland
GOSHORN, GARY SWAN, B.A....	Maryland
HARRIS, DANIEL BERNARD, B.S.	
	Maryland
HECKER, ALVIN WILFRED, A.B.	
	Maryland
HERBST, HARRY HERMAN, B.S.	
	Maryland
HIGMAN, HENRY BOOTH, B.A....	Maryland
HIMMLER, WALTER NORMAN, B.S.	
	Maryland
HOLLISTER, WILLIAM, JR., B.S.	
	North Carolina
HUDSON, PAUL CARROLL, A.B....	Maryland
HUGHES, JAMES LEWIS, B.S....	Maryland
IWANTSCH, ALFRED EDMUND....	Maryland
JAMES, WALTER EDWARD, B.S....	Maryland
KAPPELMAN, MURRAY MARTIN, B.S.	
	Maryland
KEEFE, WILLIAM PETER, B.S.	
	Connecticut
KEEGAN, JAMES THOMAS, B.A.	
	Connecticut
KIMMEL, LOUIS EDMUND, JR., B.S.	
	Maryland
KING, DANIEL DENOON, JR., B.S.	
	Maryland
KIRBY, WILLIAM HENRY, JR., B.E., M.S.	
	Maryland
KLUGMAN, YALE LEE, B.S.....	Maryland
KOONS, CHARLES RONALD, B.S.	
	New Jersey
KRAMER, MORTON DAVIS, B.S....	Maryland
KRONE, WILLIAM FRANK, JR., B.A.	
	New Jersey
LANCASTER, ROBERT GREGORY	
	Washington
LAVY, NORMAN WILBUR, B.A....	Maryland
LEIGHTON, RICHARD FREDERICK, B.A.	
	Maryland
LEIPOLD, ERNEST ADAM, JR....	Maryland
LEWANDOWSKI, ANTHONY ADAM, B.A.	
	Maryland
LONGO, FRANK WALTER, B.S.	
	Connecticut
LYTTON, SIDNEY MELBOURNE, B.A.	
	Maryland
McGOWAN, JOHN PETER, B.S....	New York
McINTYRE, DAVID BACK, B.S....	Maryland
MENDELSON, JACK HAROLD....	Maryland

MIKOLOSKI, VINCENT STANLEY, JR., B.A.	SCHANBERGER, JOHN EDWARD, B.A.
Massachusetts	Maryland
MOONEY, ALBERT LEE, B.S....Maryland	SHIREY, ROBERT GARLAND, B.S.
MORNINGSTAR, GEORGE LEO, A.B.	West Virginia
West Virginia	SMALL, RICHARD ELWOOD, A.B.
MORSE, LEONARD JACK, B.A.	Pennsylvania
Massachusetts	SNYDER, CLOVIS MARENE, B.A.
MUELLER, PAUL GODFREY....Maryland	Maryland
MURPHY, JAMES THOMAS, B.S.	SPOCK, ALEXANDER, B.S....Pennsylvania
North Dakota	STAGGERS, PHILLIP GARY, B.S.
NATARO, FRANK ROBERT D'ANNEO, B.A.	West Virginia
New Jersey	STERLING, WILLIAM NORTON, B.S.
NEELEY, JAMES PATTON, JR., B.S..Utah	District of Columbia
POLIS, GEORGE NICHOLAS, B.S.	STEWART, DONALD WALLACE, B.S.
District of Columbia	Maryland
POPPIE, ROBERT WILLIAM, B.A.	STITCHER, JOSEPH EDWARD, B.S.
North Dakota	Maryland
PRATT, CHARLES BENTON, JR., A.B.	SUSSMAN, KARL EDGAR, B.S....Maryland
North Carolina	THORPE, PETER VAN BOEKEL, A.B.
RASKIN, JOAN, A.B.....Maryland	Maryland
SAMORODIN, VIOLET SELMA, B.S.	WALTON, FRED RICHARD, B.A..Indiana
Maryland	WARD, ANN MARIE, B.A...New Jersey
SAX, ALBERT MORTON, B.S....Maryland	WELLING, CHARLES CLARK, B.S...Utah
	YOUSEM, HERBERT LEONARD, B.A.
	Maryland

HONORS

UNIVERSITY PRIZE GOLD MEDAL

MURRAY MARTIN KAPPELMAN

CERTIFICATE OF HONOR

VIOLET SELMA SAMORODIN

NEAL CONRAD CAPEL

EUGENIO ENRIQUE BENITEZ-VAN RHYN

JAMES THOMAS KEEGAN

PHILLIP GARY STAGGERS

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

GEORGE EDMUND GIFFORD, JR.

THE DR. WILLIAM D. WOLFE MEMORIAL PRIZE AND CERTIFICATE
OF PROFICIENCY IN DERMATOLOGY

EVERARD FRANCIS COX

THE DR. LEONARD M. HUMMEL MEMORIAL MEDAL AND CERTIFICATE
OF PROFICIENCY IN INTERNAL MEDICINE

MURRAY MARTIN KAPPELMAN

INTERNSHIPS—GRADUATES OF JUNE 4, 1955

JULY 1, 1955—JUNE 30, 1956

JOHN GEORGE ALBRECHT.....Medical College of Virginia Hospital, Richmond, Virginia
 GEORGE KOHLER BAER.....Kings County Hospital Center, Brooklyn, New York
 STANLEY PAUL BALCERZAK, JR.....Presbyterian Hospital, Pittsburgh, Pennsylvania
 JAMES JOHN BALL.....Georgia Baptist Hospital, Atlanta, Georgia
 ROBERT MAITLAND BARNETT, JR.....Roper Hospital, Charleston, South Carolina
 EUGENIO ENRIQUE BENITEZ VAN RHYN....University Hospital, Baltimore, Maryland

OTTO CHRISTIAN BEYER.....	Bon Secours Hospital, Baltimore, Maryland
NORMAN BLANKMAN.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
ALBERT BENNETT BRADLEY.....	University Hospital, Baltimore, Maryland
PHILIP CRAIG BRUNSCHWYLER.....	Kansas City Medical Center, Kansas City, Kansas
FOSTER LUCIUS BULLARD.....	Georgia Baptist Hospital, Atlanta, Georgia
DONALD CHISHOLM CAMERON.....	The Memorial Hospital, Wilmington, Delaware
NEAL CONRAD CAPEL.....	Dr. W. H. Groves Latter-Day Saints Hospital, Salt Lake City, Utah
JOSEPH WILLIAM CAVALLARO.....	Mercy Hospital, Baltimore, Maryland
RODERICK EDWARD CHARLES.....	Milwaukee County General Hospital, Milwaukee, Wis- consin
JAMES MCCLAY CLOSE.....	Letterman Army Hospital, Presidio, San Francisco, California
JONAS COHEN.....	Boston City Hospital, Boston, Massachusetts
ROGER WILLARD COLE.....	U. S. Naval Hospital, Chelsea, Massachusetts
ROGER DETLEF CORNELL.....	Garfield Memorial Hospital, Washington, D. C.
THOMAS WARNER COWAN.....	Ohio State University Hospital, Columbus, Ohio
EVERARD FRANCIS COX.....	U. S. Naval Hospital, Jacksonville, Florida
MARY VIOLA DALY.....	Lutheran Hospital of Maryland, Inc., Baltimore, Maryland
THEODORE ALVIN DANN.....	Los Angeles County General Hospital, Los Angeles, California
JOHN JOSEPH DARRELL.....	Mercy Hospital, Baltimore, Maryland
THOMAS EDWARD DAVIS.....	University Hospital, Baltimore, Maryland
DONALD HOWARD DEMBO.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
HENRY AUGUST DIEDERICH.....	Ohio State University Hospital, Columbus, Ohio
WILLIAM DVORINE.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
JOHN ALBERT ENGERS, JR.....	Bon Secours Hospital, Baltimore, Maryland
JOSEPH CHALICE EHELMAN.....	Uniontown Hospital Association, Uniontown, Pennsylvania
MARTIN JEROME FELDMAN.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
JAMES NELSON FREDERICK.....	St. Agnes' Hospital, Baltimore, Maryland
GEORGE HAMILTON FRISKEY.....	St. Agnes' Hospital, Baltimore, Maryland
CHARLES BARTON GALLOWAY.....	Harper Hospital, Detroit, Michigan
JOHN ROSS GAULD.....	University Hospital, Baltimore, Maryland
VERNON MAYNARD GELHAUS.....	Bon Secours Hospital, Baltimore, Maryland
GEORGE EDMUND GIFFORD, JR.....	University Hospital, Baltimore, Maryland
GEORGE TRAVERS GILMORE.....	St. Agnes' Hospital, Baltimore, Maryland
JULIAN ROBERT GOLDBERG.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
MARVIN ALFRED GOLDINER.....	Medical College of Virginia Hospital, Richmond, Virginia
GARY SWAN GOSIORN.....	University Hospital, Baltimore, Maryland
DANIEL BERNARD HARRIS.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
ALVIN WILFRED HECKER.....	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
HARRY HERMAN HERBST.....	University Hospital, Baltimore, Maryland
HENRY BOOTH HIGMAN.....	The Delaware Hospital, Wilmington, Delaware
WALTER NORMAN HIMMLER.....	University Hospital, Baltimore, Maryland
WILLIAM HOLLISTER, JR.....	Medical College of Virginia Hospital, Richmond Virginia
PAUL CARROLL HUDSON.....	University Hospital, Baltimore, Maryland
JAMES LEWIS HUGHES.....	St. Agnes' Hospital, Baltimore, Maryland
ALFRED EDMUND IWANTSCH.....	The Union Memorial Hospital, Baltimore, Maryland
WALTER EDWARD JAMES.....	Bon Secours Hospital, Baltimore, Maryland
MURRAY MARTIN KAPPELMAN.....	University Hospital, Baltimore, Maryland
WILLIAM PETER KEEFE.....	St. Francis Hospital, Hartford, Connecticut
JAMES THOMAS KEEGAN.....	Rhode Island Hospital, Providence, Rhode Island
LOUIS EDMUND KIMMEL, JR.....	Maryland General Hospital, Baltimore, Maryland
DANIEL DENOON KING.....	University Hospital, Ann Arbor, Michigan
WILLIAM HENRY KIRBY, JR.....	Church Home and Hospital, Baltimore, Maryland
YALE LEE KLUGMAN.....	Wayne County General Hospital, Eloise, Michigan
CHARLES RONALD KOONS.....	Ohio State University Hospital, Columbus, Ohio
MORTON DAVID KRAMER.....	University Hospital, Baltimore, Maryland
WILLIAM FRANK KRONE, JR.....	University Hospital, Baltimore, Maryland
ROBERT GREGORY LANCASTER.....	Mercy Hospital, Baltimore, Maryland
NORMAN WILBUR LAVY.....	University Hospital, Baltimore, Maryland
RICHARD FREDERICK LEIGHTON.....	University Hospital, Baltimore, Maryland
ERNEST ADAM LEIPOLD, JR.....	The Union Memorial Hospital, Baltimore, Maryland
ANTHONY ADAM LEWANDOWSKI.....	Mercy Hospital, Baltimore, Maryland
FRANK WALTER LONGO.....	New Rochelle Hospital, New Rochelle, New York

SIDNEY MELBOURNE LYTTON	Montefiore Hospital, New York, N. Y.
JOHN PETER MCGOWAN	U. S. Public Health Service Hospital, New Orleans, Louisiana
DAVID BECK MCINTYRE	St. Agnes' Hospital, Baltimore, Maryland
JACK HAROLD MENDELSON	Boston City Hospital, Boston, Massachusetts
VINCENT STANLEY MIKOLOSKI, JR.	Worcester City Hospital, Worcester, Massachusetts
ALBERT LEE MOONEY	The Union Memorial Hospital, Baltimore, Maryland
GEORGE LEO MORNINGSTAR	St. Agnes' Hospital, Baltimore, Maryland
LEONARD JACK MORSE	University Hospital, Baltimore, Maryland
PAUL GODFREY MUELLER	Mercy Hospital, Baltimore, Maryland
JAMES THOMAS MURPHY	Milwaukee County General Hospital, Milwaukee, Wisconsin
FRANK ROBERT D'ANNEO NATARO	Meadowbrook Hospital, Hempstead, New York
JAMES PATTON NEELEY	Salt Lake County General Hospital, Salt Lake City, Utah
GEORGE NICHOLAS POLIS	George Washington University Hospital, Washington, D. C.
ROBERT WILLIAM POPPIE	Saint Luke's Hospital, Duluth, Minnesota
CHARLES BENTON PRATT	Medical College of Virginia Hospital, Richmond, Virginia
JOAN RASKIN	University Hospital, Baltimore, Maryland
VIOLET SELMA SAMORODIN	Johns Hopkins Hospital, Baltimore, Maryland
ALBERT MORTON SAX	Strong Memorial Municipal Hospital, Rochester, New York
JOHN EDWARD SCHANBERGER	Mercy Hospital, Baltimore, Maryland
ROBERT GARLAND SHIREY	Charleston General Hospital, Charleston, West Virginia
RICHARD ELLWOOD SMALL	York Hospital, York, Pennsylvania
CLOVIS MARENE SNYDER	University Hospital, Baltimore, Maryland
ALEXANDER SPOCK	George F. Geisinger Memorial Hospital, Danville, Pennsylvania
PHILLIP GARY STAGGERS	U. S. Naval Hospital, San Diego, California
WILLIAM NORTON STERLING	George Washington University Hospital, Washington, D. C.
DONALD WALLACE STEWART	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland
JOSEPH EDWARD STITCHER	U. S. Naval Hospital, Philadelphia, Pennsylvania
KARL EDGAR SUSSMAN	Barnes Hospital, St. Louis, Missouri
PETER VAN BOEKEL THORPE	St. Agnes' Hospital, Baltimore, Maryland
FRED RICHARD WALTON	U. S. Naval Hospital, Portsmouth, Virginia
ANN MARIE WARD	Meadowbrook Hospital, Hempstead, New York
CHARLES CLARK WELLING	Highland Alameda County Hospital, Oakland, California
HERBERT LEONARD YOUSEM	Sinai Hospital of Baltimore, Inc., Baltimore, Maryland

MATRICULANTS

SENIOR CLASS, SEPTEMBER 16, 1954 TO JUNE 4, 1955

ALBRECHT, JOHN GEORGE, <i>Adelphi College</i>	New York
BAER, GEORGE KOHLER, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BALCERZAK, STANLEY PAUL, JR., <i>University of Pittsburgh</i>	Pennsylvania
BALL, JAMES JOHN, <i>University of Illinois</i>	Maryland
BARNETT, ROBERT MAITLAND, JR., <i>College of Charleston</i>	South Carolina
BENITEZ-VAN RHYN, EUGENIO ENRIQUE, B.S., <i>University of Puerto Rico, 1951</i>	Puerto Rico
BEYER, OTTO CHRISTIAN, B.S., <i>Loyola College, 1951</i>	Maryland
BLANKMAN, NORMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
BRADLEY, ALBERT BENNETT, B.A., <i>Johns Hopkins University, 1951</i>	Maryland
BRUNSCHWYLER, PHILIP CRAIG, A.B., <i>West Virginia University, 1951</i>	West Virginia
BULLARD, FOSTER LUCIUS, JR., A.B., <i>Emory University, 1951</i>	Florida
CAMERON, DONALD CHISHOLM, B.A., <i>University of Delaware, 1951</i>	Delaware
CAPEL, NEAL CONRAD, B.S., <i>University of Utah, 1951</i>	Utah
CAVALLARO, JOSEPH WILLIAM, B.S., <i>University of Maryland, 1950</i>	Maryland
CHARLES, RODERICK EDWARD, B.S., <i>Howard University, 1951</i>	Maryland
CLOSE, JAMES MCCLAY, B.A., <i>Virginia Military Institute, 1951</i>	Maryland
COHEN, JONAS KOLKER, A.B., <i>University of Maryland, 1950</i>	Maryland
COLE, ROGER WILLARD, B.S., <i>University of Maryland, 1953</i>	Maryland
CORNELL, ROGER DETLEF, B.S., <i>Davidson College, 1951</i>	Maryland
COWAN, THOMAS WARNER, B.S., <i>University of Maryland, 1953</i>	Pennsylvania
COX, EVERARD FRANCIS, B.S., <i>University of Utah, 1951</i>	Utah
DALY, MARY VIOLA, B.S., <i>American University 1950; M.S., Iowa State College, 1951</i>	Maryland
DANN, THEODORE ALVIN, B.S., <i>University of Maryland, 1953</i>	Maryland

DARRELL, JOHN JOSEPH, <i>Loyola College</i>	Maryland
DAVIS, THOMAS EDWARD, A.B., <i>Washington & Lee University, 1951</i>	Maryland
DEMBO, DONALD HOWARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
DIEDERICH, HENRY AUGUST, A.B., <i>Wittenberg College, 1951</i>	Ohio
DVORINE, WILLIAM, A.B., <i>Western Maryland College, 1950</i>	Maryland
ENGERS, JOHN ALBERT, JR., B.S., <i>Georgetown University, 1950</i>	Maryland
ESHELMAN, JOSEPH CHALICE, <i>University of Maryland</i>	Maryland
FELDMAN, MARTIN JEROME, B.S., <i>Loyola College, 1951</i>	Maryland
FREDERICK, JAMES NELSON, A.B., <i>West Virginia University, 1951</i>	West Virginia
FRISKEY, GEORGE HAMILTON, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GALLOWAY, CHARLES BARTON, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GAULD, JOHN ROSS, A.B., <i>University of Maryland, 1951</i>	Maryland
GELHAUS, VERNON MAYNARD, <i>Loyola College</i>	Maryland
GIFFORD, GEORGE EDMUND, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
GILMORE, GEORGE TRAVERS, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDBERG, JULIAN ROBERT, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
GOLDINER, MARVIN ALFRED, B.S., <i>University of Maryland, 1953</i>	Maryland
GOSHORN, GARY SWAN, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HARRIS, DANIEL BERNARD, B.S., <i>University of Maryland, 1951</i>	Maryland
HECKER, ALVIN WILFRED, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
HERBST, HARRY HERMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HIGMAN, HENRY BOOTH, A.B., <i>St. Johns College, 1950</i>	Maryland
HIMMLER, WALTER NORMAN, B.S., <i>University of Maryland, 1953</i>	Maryland
HOLLISTER, WILLIAM, JR., B.S., <i>Davidson College, 1951</i>	North Carolina
HUDSON, PAUL CARROLL, A.B., <i>Princeton University, 1948</i>	Maryland
HUGHES, JAMES LEWIS, B.S., <i>Georgetown University, 1951</i>	Maryland
IWANTSCH, ALFRED EDMUND, <i>Johns Hopkins University</i>	Maryland
JAMES, WALTER EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
KAPPELMAN, MURRAY MARTIN, B.S., <i>University of Maryland, 1953</i>	Maryland
KEEFE, WILLIAM PETER, B.S., <i>College of the Holy Cross, 1951</i>	Connecticut
KEEGAN, JAMES THOMAS, A.B., <i>Dartmouth College, 1951</i>	Connecticut
KIMMEL, LOUIS EDMUND, JR., B.S., <i>University of Maryland, 1953</i>	Maryland
KING, DANIEL DENOON, JR., B.S., <i>College of William and Mary, 1951</i>	Maryland
KIRBY, WILLIAM HENRY, JR., B.E., <i>Johns Hopkins University, 1943, M.S. Johns Hopkins University, 1951</i>	Maryland
KLUGMAN, YALE LEE, B.S., <i>University of Maryland, 1953</i>	Maryland
KOONS, CHARLES RONALD, B.S., <i>Purdue University, 1951</i>	New Jersey
KRAMER, MORTON DAVID, B.S., <i>University of Maryland, 1950</i>	Maryland
KRONE, WILLIAM FRANK, JR., A.B., <i>Washington and Jefferson College, 1951</i> ..	Maryland
LANCASTER, ROBERT GREGORY, <i>Gonzaga University</i>	Washington
LAVY, NORMAN WILBUR, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
LEIGHTON, RICHARD FREDERICK, B.A., <i>Western Maryland College, 1951</i>	Maryland
LEIPOLD, ERNEST ADAM, JR., <i>Johns Hopkins University</i>	Maryland
LEWANDOWSKI, ANTHONY ADAM, A.B., <i>Loyola College, 1951</i>	Maryland
LONGO, FRANK WALTER, B.S., <i>University of Maryland, 1951</i>	Connecticut
LYTTON, SIDNEY MELBOURNE, JR., A.B., <i>University of Maryland, 1949</i>	Maryland
MCGOWAN, JOHN PETER, B.S., <i>St. John's University, 1951</i>	New York
MCINTYRE, DAVID BECK, B.S., <i>University of Maryland, 1951</i>	Maryland
MEDELSON, JACK HAROLD, <i>Johns Hopkins University</i>	Maryland
MIKOLOSKI, VINCENT STANLEY, JR., A.B., <i>Clark University, 1951</i>	Massachusetts
MOONEY, ALBERT LEE, B.S., <i>Washington College, 1943</i>	Maryland
MORNINGSTAR, GEORGE LEO, A.B., <i>West Virginia University, 1951</i>	West Virginia
MORSE, LEONARD JACK, A.B., <i>American International College, 1951</i>	Massachusetts
MUELLER, PAUL GODFREY, <i>Loyola College</i>	Maryland
MURPHY, JAMES THOMAS, B.S., <i>Notre Dame University, 1953; University of North Dakota Medical School 1951-1953</i>	North Dakota
NATARO, FRANK ROBERT D'ANNEO, A.B., <i>Yale University, 1947, M.B.A., Columbia University, 1951</i>	New Jersey
NEELEY, JAMES PATTON, JR., B.S., <i>University of Utah, 1951</i>	Utah
POLIS, GEORGE NICHOLAS, B.S., <i>Georgetown University, 1951</i>	District of Columbia
POPPIC, ROBERT WILLIAM, B.A., <i>University of North Dakota, 1953; University of North Dakota Medical School, 1951-1953</i>	North Dakota
PRATT, CHARLES BENTON, JR., A.B., <i>University of North Carolina, 1951</i> ..	North Carolina

RASKIN, JOAN, A.B., <i>Goucher College, 1951</i>	Maryland
SAMORODIN, VIOLET SELMA, B.S., <i>University of Maryland, 1953</i>	Maryland
SAX, ALBERT MORTON, B.S., <i>Western Reserve University, 1951</i>	Maryland
SCHANBERGER, JOHN EDWARD, A.B., <i>Loyola College, 1951</i>	Maryland
SHIREY, ROBERT GARLAND, B.S., <i>West Virginia University, 1951</i>	West Virginia
SMALL, RICHARD ELWOOD, A.B., <i>Gettysburg College, 1951</i>	Pennsylvania
SNYDER, CLOVIS MARENE, A.B., <i>Washington and Lee University, 1951</i>	Maryland
SPOCK, ALEXANDER, B.S., <i>Loyola College, 1951</i>	Pennsylvania
STAGGERS, PHILLIP GARY, B.S., <i>University of Maryland, 1953</i>	West Virginia
STERLING, WILLIAM NORTON, B.S., <i>George Washington University, 1951</i>	District of Columbia
STEWART, DONALD WALLACE, B.S., <i>Morgan State College, 1951</i>	Maryland
STITCHER, JOSEPH EDWARD, B.S., <i>University of Maryland, 1953</i>	Maryland
SUSSMAN, KARL EDGAR, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
THORPE, PETER VAN BOEKEL, A.B., <i>Brown University, 1941</i>	Maryland
WALTON, FRED RICHARD, A.B., <i>Indiana University, 1950</i>	Indiana
WARD, ANN MARIE, A.B., <i>Barnard College, 1951</i>	New Jersey
WELLING, CHARLES CLARK, B.S., <i>University of Utah, 1951</i>	Utah
YOUSEM, HERBERT LEONARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland

JUNIOR CLASS, SEPTEMBER 16, 1954 TO JUNE 4, 1955

ABESHOUSE, GEORGE ALAN, A.B., <i>Yale University, 1952</i>	Maryland
ADAMS, JOHN EDWARD, B.S., <i>University of Maryland, 1954</i>	Maryland
ADKINS, ROBERT THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
ANDERSON, DANIEL GILLIFORD, B.S., <i>Muskingum College, 1952</i>	Pennsylvania
BAER, HENRY ALLEN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
BARCHET, STEPHEN, <i>Brown University</i>	Illinois
BELGRAD, RICHARD, B.S., <i>Loyola College, 1954</i>	Maryland
BELLOMO, FRANK ROCCO, B.S., <i>Loyola College, 1952</i>	New Jersey
BENNION, JERALD HORNE, B.S., <i>University of Utah, 1952</i>	Utah
BIALEK, STANLEY MORRIS, B.S., <i>George Washington University, 1952</i>	District of Columbia
BLUE, MORRIS LARRIE, B.S., <i>University of Maryland, 1952</i>	Maryland
BONGARDT, HENRY FRANCIS, JR., A.B., <i>Loyola College, 1952</i>	Maryland
BROWN, ERNEST OWEN, B.S., <i>Morgan State College, 1952</i>	Maryland
BURNINGHAM, RICHARD ALVIN, A.B., <i>University of Southern California, 1951</i>	California
BURWELL, JAMES ABRAHAM, A.B., <i>University of Pittsburgh, 1952</i>	Pennsylvania
BYRNE, ROBERT JAMES, B.S., <i>University of Maryland, 1954</i>	Maryland
CARSKI, THEODORE ROBERT, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
CASTELLANO, JAMES, JR., B.S., <i>University of Maryland, 1954</i>	New York
CHASE, JAMES McALLISTER, JR., B.S., <i>University of Maryland, 1954</i>	Delaware
COHEN, WILLIAM, B.S., <i>University of Maryland, 1954</i>	Maryland
COHEN, WILLIAM COLEMAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
COLLAWN, THOMAS HERBERT, B.S., <i>University of Maryland, 1954</i>	Maryland
DAVIDSON, DAVID LEE, A.B., <i>Cornell University, 1952</i>	Maryland
DORSEY, JAMES THOMAS, A.B., <i>Wesleyan University, 1952</i>	Maryland
DOWNING, JOHN DENT, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
EGLSEDER, LUDWIG JOSEPH, <i>University of Maryland</i>	Maryland
ESTES, JAMES TILFORD, <i>University of Maryland</i>	Maryland
FARMER, RICHARD GILBERT, <i>Indiana University</i>	Indiana
FINEGOLD, RICHARD ALLEN, <i>University of Pittsburgh</i>	Pennsylvania
FOSTER, GIRAUD VERNAM, B.S., <i>Trinity College, 1952</i>	Maryland
FRANCO, JORGE ALFONSO, <i>University of Puerto Rico</i>	Puerto Rico
FRANKLIN, MARSHALL BURTON, B.S., <i>Franklin and Marshall College, 1952</i>	Maryland
FROHLICH, EDWARD DAVID, A.B., <i>Washington and Jefferson College, 1952</i>	Maryland
GRIGOLEIT, ALFRED WILLIAM, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
HAWKINS, JOSIAS HENRY, JR., A.B., <i>George Washington University, 1952</i>	Maryland
HEADLEY, ROBERT NELSON, B.S., <i>University of Maryland, 1954</i>	Maryland
HENDERSON, NEIL CARLTON, B.S., <i>University of Maryland, 1954</i>	New York
HERSPERGER, WEBB SELMAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
HOFFMAN, LEE, B.A., <i>University of Maryland, 1952</i>	Maryland
HOOPER, VIRGIL ROY, <i>West Virginia University</i>	West Virginia
HUMMEL, RALPH TURNER, B.S., <i>University of Maryland, 1954</i>	Maryland
HURWITZ, GILBERT EARL, B.S., <i>University of Maryland, 1954</i>	Maryland

IVENS, BETTY IRENE, B.S., <i>Washington College, 1952</i>	Maryland
JOHNSTON, DANIEL FULPER, A.B., <i>Princeton University, 1952</i>	Maryland
KANNER, ALBERT VICTOR, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
KAPLAN, ROBERT MARTIN, A.B., <i>University of Michigan, 1952</i>	Maryland
KELLAM, SHEPPARD GORDON, B.S., <i>Loyola College, 1954</i>	Maryland
KELLY, JOHN EDWARD, JR., B.S., <i>University of Notre Dame, 1952</i>	New York
KING, CHARLES HERSCHEL, B.S., <i>University of Maryland, 1954</i>	Maryland
KLATT, KENNETH MUNSON, <i>University of Delaware</i>	Maryland
KNOWLES, PAUL WILLIAM, <i>University of Utah</i>	Utah
KOLLER, ELMER CURTIS, JR., B.S., <i>University of Maryland, 1951</i>	Maryland
KRAMER, BERNARD, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
KRAMER, H. COLEMAN, B.S., <i>University of Maryland, 1954</i>	Maryland
KRESS, SCHELDON, B.S., <i>University of Maryland, 1952</i>	District of Columbia
LANCASTER, LOUIS JAMES, B.S., <i>Virginia Polytechnic Institute, 1952</i>	Maryland
LANZI, JOSEPH GABRIEL, B.S., <i>Loyola College, 1954</i>	Maryland
LAUGHLIN, CARL PATRICK, <i>West Virginia University</i>	West Virginia
LEE, MATHEW HUNG MUN, <i>Johns Hopkins University</i>	Hawaii
LEMMERT, WILLIAM ARDEN, B.S., <i>University of Maryland, 1952</i>	Maryland
LITTLETON, JOHN BRECKENRIDGE, B.S., <i>University of Maryland, 1952</i>	Maryland
LYOYD, WILLIAM THOMAS, B.S., <i>University of Maryland, 1952</i>	Maryland
LOVE, THOMAS ANKARCORNA, <i>University of Maryland</i>	Maryland
MAGGID, GERALD NORTON, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
MAHON, ROBERT JOSEPH, B.S., <i>University of Maryland, 1954</i>	Maryland
MANGUS, SAMUEL JAMES, <i>Washington College</i>	Maryland
MARTON, HERBERT MILES, A.B., <i>Brown University, 1952</i>	New York
MC LAUGHLIN, JOSEPH SHEFFER, B.S., <i>Loyola College, 1954</i>	Maryland
MUTH, ROBERT GABRIEL, <i>Loyola College</i>	Maryland
MYERS, RICHARD IRA, B.S., <i>George Washington University, 1952</i>	Pennsylvania
NOWELL, JOHN FRANCIS, B.S., <i>University of Maryland, 1954</i>	Maryland
OSTEEN, CLARK LAMONT, B.S., <i>University of Maryland, 1954</i>	Maryland
OURSLEER, DAVID ALAN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
PALMER, WILLIAM MARTIN, <i>University of Utah</i>	Maryland
PICKETT, WILBUR CRAFTS, JR., B.S., <i>Washington and Lee University, 1952</i>	Maryland
PLATT, MARVIN STANLEY, B.S., <i>University of Maryland, 1951</i>	Maryland
PLUMB, RICHARD LEON, B.S., <i>Randolph-Macon College, 1952</i>	District of Columbia
POLLACK, IRVIN PAUL, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
REAH, GEORGE EDWARD, JR., B.S., <i>Loyola College, 1954</i>	Maryland
RODMAN, HAROLD IRVIN, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
ROSS, HARRY PAUL, B.S., <i>University of Maryland, 1954</i>	Maryland
SANISLOW, CHARLES ANDREW, JR., B.S., <i>Rutgers University, 1952</i>	New Jersey
SCHUSTER, GERALD DAVID, B.S., <i>University of Maryland, 1952</i>	Maryland
SHAUB, ROY OTIS, <i>University of Utah</i>	Utah
SINTON, WILLIAM ALLEN, JR., B.S., <i>College of William & Mary, 1952</i>	Maryland
SKAGGS, JAMES WILLIAM, JR., A.B., <i>West Virginia University, 1952</i>	West Virginia
SLATER, PAUL VERNON, A.B., <i>West Virginia University, 1952</i>	West Virginia
SMITH, GEORGE THOMAS, B.S., <i>University of Maryland, 1954</i>	West Virginia
SOWELL, GEORGE ALEXANDER, B.S., <i>The Citadel, 1952</i>	Maryland
STOVIN, JAMES JOSEPH, A.B., <i>Yale University, 1952</i>	New York
STUCK, ROBERT GEORGE, B.S., <i>Washington College, 1952</i>	New York
STURGEON, HOWARD ELBERT, A.B., <i>University of Virginia, 1952</i>	Maryland
TRAINIS, EVELYN ANNA, A.B., <i>Goucher College, 1952</i>	Maryland
TRUITT, VIRGINIA HARRINGTON, B.S., <i>University of Maryland, 1952</i>	Maryland
WHITEFORD, EDWIN WARFIELD, JR., B.S., <i>University of Maryland, 1952</i>	Maryland
WILLIAMS, JOHN ZIGLER, B.S., <i>University of Maryland, 1954</i>	Maryland
WILSON, HARRY DAVIS, JR., A.B., <i>Aniherst College, 1952</i>	Maryland
WRIGHT, ROBERT LEE, B.S., <i>Kent State University, 1951</i>	Ohio

SOPHOMORE CLASS, SEPTEMBER 16, 1954 TO JUNE 4, 1955

ABRAHAM, STUART JOEL, A.B., <i>Western Maryland College, 1953</i>	Maryland
AFTANDILIAN, EMIL EMANUEL, <i>University of Maryland</i>	Iran
ALLEN, CHARLES JAMES, A.B., <i>Johns Hopkins University, 1953</i>	New Jersey
BALCO, SELINA GLORIA, B.S., <i>University of Maryland, 1953</i>	Maryland
BATHON, BERNARD NEIL, B.S., <i>Loyola College, 1953</i>	Maryland

BEEBY, JAMES LEONARD, B.S., <i>University of Maryland</i> , 1953.....	Maryland
BERGER, RONALD RICHARD, <i>University of Maryland</i>	Maryland
BORMEL, PAUL, B.S., <i>University of Maryland</i> , 1953.....	Maryland
BOUZOUKIS, JAMES KOSTAS, A.B., <i>Harvard College</i> , 1952.....	New Hampshire
BROOKS, HERBERT EDWIN, A.B., <i>Wabash College</i> , 1951.....	Maryland
BUCY, DONALD LOUIS, B.S., <i>Georgetown University</i> , 1953.....	Maryland
BULKELEY, JOHN THOMAS, B.S., <i>Salisbury State Teachers College</i> , 1951.....	Maryland
BURCHELL, MARY CECILIA, A.B., <i>Columbia University</i> , 1951.....	Massachusetts
BUTT, HARVEY RUDOLPH, JR., <i>University of Maryland</i>	Maryland
CALCIANO, ANTHONY JAMES, <i>University of Vermont</i>	Connecticut
CAMERON, RONALD ROSS, A.B., <i>Johns Hopkins University</i> , 1953.....	Maryland
CARLIN, ROBERT ANTHONY, <i>University of Maryland</i>	New Jersey
CHUN, GAYNE, A.B., <i>Boston University</i> , 1951; M.S., <i>University of Wisconsin</i> , 1953.....	Hawaii
COHEN, MARVIN, B.S., <i>University of Maryland</i> , 1955.....	Maryland
CONWAY, JOHN VINCENT, B.S., <i>University of Delaware</i> , 1952.....	Delaware
DEAN, JOSEPH OLIVER, JR., B.S., <i>University of Maryland</i> , 1955.....	Maryland
ENGNOTH, MILTON LORING, B.S., <i>University of Maryland</i> , 1955.....	Maryland
ERICSSON, ARTHUR DALE, B.S., <i>University of Miami</i> , 1953.....	Florida
FELDSTEIN, MARVIN ALLEN, <i>Loyola College</i>	Maryland
FIOCO, VINCENT JAMES, <i>Columbia University</i>	New York
FITCH, HARRY JOHN, B.S., <i>University of Maryland</i> , 1951.....	Maryland
GALLO, SEBASTIAN JOHN, A.B., <i>Johns Hopkins University</i> , 1953.....	Connecticut
GARCIA, NICOLAS ANTONIO, III, A.B., <i>Johns Hopkins University</i> , 1953.....	Puerto Rico
GAUTHIER, DONALD WILLIAM, A.B., <i>St. Anselm's College</i> , 1953.....	New Hampshire
GERBER, ALLEN SIDNEY, B.S., <i>University of Maryland</i> , 1955.....	Maryland
GILBERT, VERNE EPHRAIM, A.B., <i>University of California</i> , 1953.....	California
GILMORE, LORETTA ANN KURZ, B.S., <i>University of Maryland</i> , 1950.....	Maryland
HAMBLIN, ELDON BENORR, B.S., <i>University of Utah</i> , 1953.....	Arizona
HAMMANN, JOHN HENRY, JR., B.S., <i>Loyola College</i> , 1953.....	Maryland
HAMMOND, ANTHONY FRANCIS, JR., B.S., <i>Seton Hall University</i> , 1953.....	New Jersey
HANASHIRO, PAUL KATSUTO, A.B., <i>Indiana University</i> , 1953.....	Hawaii
HENDERSON, CHARLES MORGAN, B.S., <i>University of Maryland</i> , 1955.....	Maryland
HETTLEMAN, HAROLD JACK, B.S., <i>Loyola College</i> , 1953.....	Maryland
HICKMAN, ROBERT OTHELLO, A.B., <i>University of Utah</i> , 1951.....	Utah
HO, RICHARD KOON BOW, A.B., <i>University of Hawaii</i> , 1951; M.S., <i>University of Hawaii</i> , 1953.....	Hawaii
HOLDEFER, WILFRED FERBER, JR., B.S., <i>Loyola College</i> , 1952.....	Maryland
JELENKO, CARL, III, B.S., <i>Loyola College</i> , 1953.....	Maryland
JONES, NORMAN PAUL, <i>Georgetown University</i>	Maryland
KAHAN, EDWIN LOUIS, B.S., <i>University of Maryland</i> , 1953.....	Maryland
KENNEDY, WILLIAM FRANK, JR., B.S., <i>Bates College</i> , 1952.....	Maine
KOGAN, LEONARD LOUIS, <i>Dartmouth College</i>	Maryland
KRONTHAL, HERBERT LEE, B.S., <i>University of Maryland</i> , 1955.....	Maryland
LANSINGER, DONALD TYSON, <i>Loyola College</i>	Maryland
LARGEY, DAVID POOLE, A.B., <i>Washington and Lee University</i> , 1950.....	Pennsylvania
LASTER, JAMES PRESTON, B.S., <i>Loyola College</i> , 1948.....	Maryland
LAUGHLIN, JOSEPH CHORPENING, <i>West Virginia University</i>	West Virginia
LENTZ, GEORGE ALVIN, JR., A.B., <i>Johns Hopkins University</i> , 1953.....	Maryland
LENER, SIDNEY ISAAC, B.S., <i>University of Maryland</i> , 1953.....	Maryland
LEVIN, RICHARD LEONARD, B.S., <i>University of Maryland</i> , 1953.....	Maryland
LYNCH, PETER PAUL, <i>Mount St. Mary's College</i>	Massachusetts
MAECK, FRANCIS JOHN, JR., B.S., <i>Loyola College</i> , 1953.....	Maryland
MEHLHOP, FRED HENRY, A.B., <i>Johns Hopkins University</i> , 1953.....	New York
MOOMAU, FREDERICK, A.B., <i>West Virginia University</i> , 1953.....	West Virginia
MULLAN, PAUL ALOYSIUS, B.S., <i>Seton Hall University</i> , 1952.....	New Jersey
NASDOR, HERBERT HARVEY, <i>Loyola College</i>	Maryland
NEALE, LEONARD ERNEST, III, B.S., <i>University of Maryland</i> , 1953.....	Maryland
NIZNIK, THEODORE THADDEUS, JR., B.S., <i>Loyola College</i> , 1953.....	Maryland
OLIVERAS-ARMSTRONG, FRANCISCO ENRIQUE, <i>University of Puerto Rico</i>	Puerto Rico
OPPEGARD, CHARLES ROGER, B.S., <i>University of Maryland</i> , 1955.....	Maryland
PLUGGE, FREDERICK WILLIAM, IV, A.B., <i>University of Pennsylvania</i> , 1953.....	District of Columbia
POLAND, WARREN SAUL, B.S., <i>University of Maryland</i> , 1955.....	Maryland

QUINONES-SEGARRA, JOSE GEORGINO, B.S., <i>University of Puerto Rico, 1953</i>	Puerto Rico
RAIRIGH, DONALD WILSON, <i>Johns Hopkins University</i>	Maryland
RALEIGH, JOHN JOSEPH, B.S., <i>Roanoke College, 1952</i>	New York
RANDALL, LOUIS LEROY, B.S., <i>Morgan State College, 1953</i>	Maryland
RAPPOPORT, WILLIAM JOSEPH, A.B., <i>Johns Hopkins University, 1953</i>	Maryland
REBA, RICHARD CHARNEY, <i>Loyola College</i>	Maryland
RESTIVO, MARION CHARLES, A.B., <i>Loyola College, 1953</i>	Maryland
REVER, GEORGE WRIGHT, B.S., <i>University of Maryland, 1950</i>	Maryland
ROBINSON, LYNN BENNION, B.S., <i>University of Utah, 1953</i>	Utah
SCHMUKLER, MORTON, A.B., <i>Johns Hopkins University, 1953</i>	Maryland
SCHOCKET, LEE IRWIN, B.S., <i>University of Maryland, 1955</i>	Maryland
SCHWARTZ, FRANKLIN DAVID, B.S., <i>University of Maryland, 1955</i>	Maryland
SHAPIRO, MORTON WALTER, B.S., <i>University of Maryland, 1955</i>	Maryland
SHAW, GEORGE PATRICK, B.S., <i>Alma College, 1953</i>	Michigan
SHAW, WALTER MORGAN, A.B., <i>Lafayette College, 1951</i>	Ohio
SHEAR, LEROY, A.B., <i>Johns Hopkins University 1953</i>	Maryland
SIEGEL, HOWARD SHELDON, A.B., <i>Western Reserve University, 1953</i>	Ohio
SIMMONS, WILLIAM ARTHUR, A.B., <i>West Virginia University, 1953</i>	West Virginia
SPENCE, KENNETH FRANKLIN, JR., B.S., <i>Washington and Lee University, 1953</i>	Maryland
SPENCER, MAITLAND G., B.S., <i>Brigham Young University, 1953</i>	Utah
SPENCER, MAX JAY, B.S., <i>University of Utah, 1952</i>	Utah
STANG, MARY LOUISE, B.S., <i>University of Maryland, 1953</i>	Maryland
STOUT, LANDON CLARKE, JR., <i>University of Maryland</i>	Maryland
STRINGHAM, JAMES GRANT, B.S., <i>University of Utah, 1952</i>	Utah
TODD, NEVINS WOODCOCK, JR., <i>Syracuse University</i>	Maryland
TRUPP, MICHAEL SARON, A.B., <i>Western Maryland College, 1953</i>	Maryland
WILNER, HARVEY IRA, <i>New York University; University of Vermont</i>	New York
WILSON, RAY AUSTIN, A.B., <i>Johns Hopkins University, 1953</i>	Pennsylvania
YOUNG, VIRGINIA ELIZABETH, A.B., <i>Vassar College, 1953</i>	Maryland
ZULLO, LEONARD MICHAEL, B.S., <i>University of Maryland, 1955</i>	Maryland

FRESHMAN CLASS, September 16, 1954 to June 4, 1955

ALEXANDER, JOHN THOMAS, <i>Brigham Young University</i>	Arizona
ATON, JAMES KEYES, B.A., <i>Emory University, 1954</i>	Florida
BACHUR, NICHOLAS ROBERT, B.A., <i>The Johns Hopkins University, 1954</i>	Maryland
BARTLETT, WILLIAM GEORGE, <i>University of Maryland</i>	Maryland
BAUMGARDNER, GEORGE ROBERT, <i>University of Maryland</i>	Maryland
BERG, ELLIOTT MORTON, <i>University of Maryland</i>	Maryland
BERMAN, MAURICE JERROLD, B.S., <i>University of Maryland, 1953</i>	Maryland
BLOOM, GERALD EDWARD, <i>Cornell University</i>	Maryland
BRAGER, STUART HARMON, B.S., <i>University of Maryland, 1954</i>	Maryland
BRONSTEIN, HOWARD DANIEL, <i>University of Maryland</i>	Maryland
BURKE, GEORGE JAMES, B.S., <i>University of Maryland, 1954</i>	Maryland
CAPLAN, RAYMOND FRANK, <i>University of Maryland</i>	Maryland
CLARK, GAYLORD LEE, JR., B.A., <i>The Johns Hopkins University, 1953; Stanford University</i>	Maryland
COPE, DAVID ARTHUR, B.A., <i>Lafayette College, 1954</i>	Pennsylvania
CRANLEY, ROBERT EMMET, <i>University of Maryland</i>	New Jersey
CURTIS, BRUCE NELSON, B.A., <i>Brigham Young University, 1954</i>	Arizona
CUSHNER, GILBERT BERNARD, <i>The Johns Hopkins University</i>	Maryland
DAMM, ROBERT LEE, B.S., <i>University of Maryland, 1954</i>	Maryland
DAY, JOHN RONALD, JR., <i>University of Maryland</i>	Maryland
DELLI-PIZZI, GREGORY MICHAEL, <i>University of Maryland</i>	New York
DIENER, RONALD LEE, <i>University of Maryland</i>	Maryland
DONOVAN, RAYMOND JOSEPH, JR., B.A., <i>Saint Peter's College, 1954</i>	New Jersey
ERICKSON, RICHARD JAMES, B.S. <i>Maryville College, 1954</i>	New Jersey
FARB, STANLEY NORMAN, <i>The Johns Hopkins University</i>	Maryland
FILAR, ALFRED ANTHONY, JR., B.S., <i>Loyola College, 1954</i>	Maryland
FISHKIN, HAROLD LARRY, <i>University of Maryland</i>	Maryland
FLYNN, RICHARD ROWAN, <i>University of Utah</i>	Utah
FRIEDLANDER, HARVEY LEE, <i>University of Maryland</i>	Maryland
GEE, MALCOLM VAN NORMAN, B.S., <i>Howard University, 1953</i>	Maryland
GOLDBERG, NEIL MORTON, <i>University of Maryland</i>	Maryland
GOLDGEIER, SHELDON, <i>University of Maryland</i>	Maryland

GOLDSTEIN, BARRETT, A.B., <i>The Johns Hopkins University, 1954</i>	Maryland
GREENE, FRANK PHILIP, <i>The George Washington University</i>	Maryland
HALE, MEREDITH SAFFELL, B.S., <i>University of Maryland, 1954</i>	Maryland
HALL, WILLIAM POPPLEIN, III, B.S., <i>Union College, 1954</i>	Maryland
HARSHEY, JOHN SIMPSON, A.B., <i>Catawba College, 1954</i>	Pennsylvania
HECK, ALBERT FRANK, B.A., <i>The Johns Hopkins University</i>	Maryland
HICKEN, WILLIAM JOSEPH, B.A., <i>Loyola College, 1954</i>	Maryland
HOLMES, ARTHUR CLARK LOPER, <i>Wheaton College</i>	Pennsylvania
JOHNSON, ROBERT HARVEY, JR., B.A., <i>Duke University, 1954</i>	Maryland
KARPA, JAY NORMAN, <i>The Johns Hopkins University</i>	Maryland
KELLER, RICHARD HUBBARD, <i>University of Utah</i>	Utah
KELSH, JAMES MICHAEL, A.B., <i>Columbia University, 1951; Univ. of Maryland</i>	Maryland
KELSO, JAMES JUDE, <i>University of Maryland</i>	Maryland
KRIZ, FRANK KENNETH, JR., <i>University of Maryland</i>	Maryland
LEVIN, DANIEL MELVIN, B.S., <i>University of Maryland, 1954</i>	Maryland
LEVIN, HOWARD STANLEY, B.A., <i>Bowdoin College, 1954</i>	Maryland
LITOFKY, ARTHUR, B.S., <i>University of Maryland, 1954</i>	Maryland
MACON, ROBERT CARPENTER, B.S., <i>The George Washington University, 1954</i>	
District of Columbia	
MAILMAN, CHARLES JACOB, B.A., <i>Franklin & Marshall College, 1954</i>	Maryland
MANGER, DONALD FREDERICK, B.A., <i>The Johns Hopkins University, 1954</i>	Maryland
MARSHALL, WILLIAM JOHN, JR., B.S., <i>Muskingum College, 1954</i>	Ohio
MCDONALD, JOHN ETCHISON, B.A., <i>Washington and Lee University, 1954</i>	Maryland
MCINERNEY, GERALD TIMOTHY, A.B., <i>West Virginia University, 1954</i>	New York
MEAD, JOSEPH ANTHONY, JR., B.A., <i>Loyola College, 1954</i>	Maryland
MERENDINO, JOHN JEROME, <i>University of Maryland</i>	Maryland
MOORE, ERNEST EUGENE, A.B., <i>West Virginia University, 1954</i>	West Virginia
MULVANEY, ROBERT BERNARD JOSEPH, B.A., <i>Seton Hall University, 1954</i>	New Jersey
ORTEL, ROY WADE, B.A., <i>Gettysburg College, 1951</i>	Maryland
ORTH, JOHN GOEDEKE, B.S., <i>University of Maryland, 1954</i>	Maryland
OTTINGER, AYLAND MIDGLEY, <i>University of Utah</i>	Utah
PARKER, CHARLES EDWIN, B.A., <i>University of Utah, 1953</i>	California
PEREZ-SANTIAGO, ANTONIO, <i>University of Puerto Rico</i>	Puerto Rico
POTASH, MICHAEL DONALD, <i>University of Maryland</i>	Maryland
RAUH, JAY THOMAS, <i>University of Maryland</i>	Maryland
REEDER, MAURICE MERRICK, B.A., <i>Loyola College, 1954</i>	Maryland
RICHMOND, LEWIS HILLIARD, <i>University of Maryland</i>	Maryland
ROBL, ROBERT JOSEPH, <i>University of Maryland</i>	Maryland
ROLL, HAROLD, <i>University of Maryland</i>	Maryland
SEARLES, VICTORIA ANN, B.A., <i>University of New York, 1952</i>	Pennsylvania
SHEPPERD, JAMES DOUGLASS, JR., B.A., <i>University of Pennsylvania, 1954</i>	Maryland
SILBERSTEIN, CHARLES ELIOT, A.B., <i>Western Maryland College, 1954</i>	Maryland
SUTTON, GRANGER GIDEON, JR., B.S., <i>Massachusetts Institute of Technology, 1954</i>	
District of Columbia	
SWANSON, RAYMOND ELMER, B.A., <i>Valparaiso University, 1951; M.S., Wayne University, 1954</i>	Illinois
TAYLOR, JAMES EDGAR, JR., <i>University of Maryland</i>	Maryland
TILLES, JEROME, <i>University of Maryland</i>	Maryland
TYLER, JAMES HAROLD, B.A., <i>University of Vermont & State Agricultural College, 1954</i>	Connecticut
WARD, WILLIAM TODD, <i>University of Maryland</i>	Maryland
WEYN, ADRIAN SALTZMAN, A.P., <i>Gettysburg College, 1954</i>	Maryland
WOLFE, RICHARD LOUIS, B.S., <i>William and Mary College, 1952</i>	Maryland
ZIEVE, PHILIP DAVID, B.A., <i>Franklin and Marshall College, 1954</i>	Maryland
ZIMMERMAN, JAMES BENSON, B.S., <i>University of Cincinnati, 1954</i>	Ohio

INTRAMURAL POSTGRADUATE STUDENTS

September 1954 to June 1955

BASIC SCIENCES AS THEY APPLY TO THE PRACTICE OF MEDICINE

ABRAJANO, QUIRILLO, JR., Zambales, Philippines *Santo Tomas Univ.*
M.D.

ALDIS, HENRY, M.D.	Lovettesville, Virginia	<i>Univ. of Kansas</i>
ANDERSON, TWIDLYN J., M.D.	Jamaica, B. W. I.	<i>Meharry Medical College</i>
AZPIROZ, JOAQUIN, M.D.	Baltimore, Maryland	<i>University of Mexico</i>
BARTHEL, ROBERT, M.D.	Forest Hill, Maryland	<i>University of Maryland</i>
BOENNEC, YVES HERVE, M.D.	Paris, France	<i>Faculte de Med. de Paris</i>
BRADY, FRANK J., M.D.	Baltimore, Maryland	<i>University of Maryland</i>
CONSTANTARAS, EVANGELOS, M.D.	Kastella, Greece	<i>Salonica University, Greece</i>
DALY, HAROLD L., M.D.	Baltimore, Maryland	<i>University of Maryland</i>
DAVID, PRIMO K., M.D.	Pampanga, Philippines	<i>Santo Tomas Univ.</i>
DE LA CRUZ, MARIANO V., Jr., M.D.	Quezon City, Philippines	<i>Univ. of Philippines</i>
DEZA, FELIPE M., M.D.	Buenos Aires, Argentina	<i>Univ. de Buenos Aires</i>
ELLISON, EMANUEL SIMON, M.D.	Baltimore, Maryland	<i>Univ. of Maryland</i>
ESMOND, WILLIAM G., M.D.	Baltimore, Maryland	<i>University of Maryland</i>
FITZGERALD, JOSEPH CARROLL, M.D.	Baltimore, Maryland	<i>University of Maryland</i>
GARCIA, JOSE T., M.D.	Pampanga, Philippines	<i>Santo Tomas Univ.</i>
GARCIA, RAFAEL, M.D.	Zaragoza, Spain	<i>Univ. of Zaragoza</i>
GLUCK, JULIUS C., M.D.	Baltimore, Maryland	<i>University of Brussels</i>
GOLOJUCK, SEVERIN T., M.D.	Middlesex, N. J.	<i>N. Y. U. Med. College</i>
GRAY, JAMES LEVI, M.D.	Baltimore, Maryland	<i>Univ. of Cincinnati</i>
GUTERMAN, HAROLD L., M.D.	Washington, D. C.	<i>Univ. Lausanne, Switzerland</i>
HARRIGAN, JOHN THOMAS, M.D.	Middlesex, N. J.	<i>George Washington Univ.</i>
JEUDY, TURGOT L., M.D.	Port Au Prince, Haiti	<i>Med. School of Haiti</i>
KESSLER, WILLIAM A., M.D.	Cincinnati, Ohio	<i>Univ. of Cincinnati</i>
LALLANA, RAMON D., M.D.	Cavite City, Philippines	<i>Univ. of Philippines</i>
MARTIN, EBERHARD KARL, M.D.	Berlin, Germany	<i>Univ. of Berlin</i>
MASUKAWA, TERU, M.D.	Nagoya, Japan	<i>Nat. Univ. Nagoya</i>
MITRA, RIZOLINA A., M.D.	Dauao City, Philippines	<i>Univ. of Philippines</i>
MOONEY, FELIX PATRICK, M.D.	Baltimore, Maryland	<i>Univ. of Illinois</i>
NIPKOW, HANS, M.D.	Danzig, Germany	<i>Ludwig Maximilian Univ.</i>
NOTANI, TULSI KISHIN CHANG, M.D.	Bombay, India	<i>Lady Harding Med. College</i>
ORNES, JOSE HORACIO, M.D.	Dominican Republic	<i>Santo Domingo Univ.</i>
OSSMAN, ALFRED GEORGE, M.D.	Baltimore, Maryland	<i>Johns Hopkins Med. School</i>
PALACIOS, ENRIQUE, M.D.	Mexico D.F., Mexico	<i>Mexico Nat. Univ.</i>
PERALTA, CONRADO N., M.D.	Manila, Philippines	<i>Univ. of Santo Tomas</i>
PHILLIPS, DUDLEY M., M.D.	Darlington, Md.	<i>Univ. of Maryland</i>
PINEDA, ESTEBAN P., M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
QUINONES, RAFAEL, M.D.	Colombia, South America	<i>Nat. Univ. of Colombia</i>
RELLE, MATYAS, M.D.	Munich, Germany	<i>Univ. of Munich</i>
RODMAN, PETER P., M.D.	Aberdeen, Maryland	<i>Univ. of Penna.</i>
RODRIGUEZ, JAVIER, M.D.	Lima, Peru	<i>Univ. Mayor de San Marcos</i>
ROSSELLO, SALVADOR, M.D.	Santurce, Puerto Rico	<i>New York Med. College</i>
SADRANANDA, VATANA, M.D.	Bangkok, Siam	<i>Chulalongkorn Med. School</i>
ULLOA, ALEXANDER, M.D.	Ruimillo, Peru	<i>Univ. Mayor de San Marcos</i>
ULYSSE, GERARD, M.D.	Port Au Prince, Haiti	<i>Univ. of Haiti</i>
URUSHIAZAKI, ICHIRO, M.D.	Nerima-ku, Tokyo, Japan	<i>Hokkaido Univ.</i>
VASQUEZ, CESAR S., M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
WILSON, EMILY H., M.D.	Harwood, Maryland	<i>Univ. of Georgia</i>

SURGICAL ANATOMY

ATNIP, GWYN, M.D.	East Paragould, Ark.	<i>Univ. of Arkansas</i>
BLAIN, DONALD G., M.D.	Grosse Pointe Park, Mich.	<i>Wayne Medical School</i>
BOENNEC, YVES H., M.D.	Paris, France	<i>Faculte de Med. de Paris</i>
CLOUGH, LEWIS ROBERT, M.D.	Memphis, Tenn.	<i>Univ. of Tennessee</i>
COLES, JOHN H., M.D.	Nashville, Tenn.	<i>Vanderbilt Univ.</i>
DEBORJA, PEDRO S., M.D.	Manila, Philippines	<i>Santo Tomas Univ.</i>
FARES, LOUIS G., M.D.	Trenton, N. J.	<i>Georgetown Univ.</i>
FARRALES, EPIFANIO V., M.D.	Zambalis, Philippines	<i>Manila Central Univ.</i>
FLAX, LEONARD, M.D.	Pocomoke City, Md.	<i>Univ. of Maryland</i>
GOCO, ROMULO V., M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
GROW, JOHN L., M.D.	Baltimore, Md.	<i>Johns Hopkins Med. School</i>
JEUDY, TURGOT L., M.D.	Port Au Prince, Haiti	<i>Med. School of Haiti</i>
KAKVAN, MOHAMED, M.D.	Ramsar, Iran	<i>Tehran University</i>
KISON, ANTONIO L., M.D.	Manila, Philippines	<i>Univ. of Philippines</i>
KRAMER, HOWARD B., M.D.	Baltimore, Md.	<i>University of Maryland</i>
MIDDLETON, B. MARTIN, M.D.	Waldorf, Maryland	<i>University of Maryland</i>
PIPIS, GEORGE JOANNOU, M.D.	Arghaki, Morphou, Cyprus	<i>Univ. of Athens, Greece</i>
RAFFUL, ELIAS, M.D.	Carmen Cam, Mexico	<i>Univ. of Mexico</i>
RELLE, MATYAS, M.D.	Gyor, Hungary	<i>Univ. of Munich</i>
TIDLER, HAROLD S., M.D.	Lanham, Maryland	<i>George Washington Univ.</i>

GYNECOLOGY

McNAMARA, RONALD JOHN, M.D.	Charleston, W. Va.	<i>St. Louis Univ.</i>
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NEUROPATHOLOGY

WAHAL, KRISHNA, MOHAN, M.D.	Uttar, Pradesh, India	<i>Lucknow University, India</i>
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ANATOMY OF HEAD AND NECK

MELVIN H. BULMASH, D.D.S.	Baltimore, Maryland	<i>Univ. of Maryland</i>
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EXPERIMENTAL SURGERY

<i>From Baltimore City Hospitals</i>		
ALONSO-LEJ, FERNANDO, M.D.	Zaragoza, Spain	<i>Univ. of Zaragoza</i>
KESSLER, WILLIAM A., M.D.	Cincinnati, Ohio	<i>Univ. of Cincinnati</i>
PALACIOS, ENRIQUE, M.D.	Mexico D.F., Mexico	<i>Mexico Nat. Univ.</i>
<i>From Mercy Hospital</i>		
FLAX, LEONARD, M.D.	Pocomoke City, Md.	<i>Univ. of Maryland</i>
SCHINDLER, RICHARD E., M.D.	Cumberland, Md.	<i>Univ. of Maryland</i>

SUMMARY OF STUDENTS

September 16, 1954 to June 4, 1955

<i>Medical Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Senior Class.....	96	4	100
Junior Class.....	97	3	100
Sophomore Class.....	92	4	96
Freshman Class.....	88	1	89
Medical Students.....	373	12	385
Intramural Postgraduate Students.....	73	3	76
	446	15	461

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 16, 1954 to June 4, 1955

Arizona.....	3	North Carolina.....	2
California.....	3	North Dakota.....	2
Connecticut.....	6	Ohio.....	6
Delaware.....	3	Pennsylvania.....	14
District of Columbia.....	9	South Carolina.....	1
Florida.....	3	Utah.....	15
Illinois.....	2	Washington.....	2
Indiana.....	2	West Virginia.....	14
Kansas.....	1		
Maine.....	1		
Maryland.....	250		
Massachusetts.....	4		
Michigan.....	1		
New Hampshire.....	2		
New Jersey.....	14		
New York.....	14		

UNITED STATES POSSESSIONS

Hawaii.....	4
Puerto Rico.....	6

FOREIGN

Iran.....	1
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MEDICAL ALUMNI ASSOCIATION

OFFICERS 1955-1956

(Term beginning July 1, 1955 and ending June 30, 1956)

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J. MORRIS REESE, M.D.

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EDWIN H. STEWART, JR., M.D.,		J. EMMETT QUEEN, M.D.
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J. SHELDON EASTLAND, M.D.
H. BOYD WYLIE, M.D.

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J. HOWARD FRANZ, M.D.

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WILLIAM H. TRIPLETT, M.D.
THURSTON R. ADAMS, M.D.
DANIEL J. PESSAGNO, M.D.

Representatives, Editorial Board, Bulletin

HARRY C. HULL, M.D.
ALBERT E. GOLDSTEIN, M.D.
J. MORRIS REESE, M.D., (ex-officio)

Representatives, Advisory Board of the Faculty

WILLIAM H. TRIPLETT, M.D.
ALBERT E. GOLDSTEIN, M.D.
EDWIN H. STEWART, JR., M.D.

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I give, devise and bequeath to the Trustees of the Endowment Fund of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine.

(Here state amount or describe property)

TO SCHOOL OF MEDICINE

I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine.

(Here state amount or describe property)

THE UNIVERSITY OF MARYLAND SCHOOL OF NURSING

The University of Maryland School of Nursing offers two programs of study: 1. A Basic Professional Program consisting of four calendar years leading to the degree of Bachelor of Science in Nursing, and 2. A Basic Program consisting of three calendar years leading to the Diploma in Nursing.

The Basic Professional Program extends over a period of four years. Students in this program complete two academic years of study on the College Park campus and the remaining two years on the Baltimore campus. Graduates of this curriculum are prepared for first-level positions in hospital nursing and as beginner-practitioners under supervision in public health nursing.

Graduates who have completed a minimum of two years of college work in other approved colleges may be admitted to this program.

The Basic Program extends over a three year period. This prepares the graduate for general nursing practice in hospitals or homes.

Graduates of either program are eligible to take the Maryland State Board Examinations for nurses.

The School of Nursing makes every effort to conform to the catalogue announcements, never-the-less the School reserves the right to adapt these programs to current needs.

For information regarding admissions, address inquiries to the Dean of the School of Nursing, University of Maryland, Baltimore 1, Maryland.

MERCY HOSPITAL SCHOOL OF NURSING

The Mercy Hospital School of Nursing was established 1899 and incorporated on December 23, 1901. It is an integral part of Mercy Hospital and is under the same government. It is accredited by the Maryland State Board of Examiners of Nurses and the National Nursing Accrediting Service.

Mercy Hospital affords exceptional advantages for the education of nurses. It is a general hospital containing 356 beds, and offers opportunities for a thorough and varied experience. By its institutional affiliation with the University of Maryland it secures professors who give to the student the results of their training and experience in the fields of the medical and related sciences.

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No. 4

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of the

School of

MEDICINE

September, 1956

UNIVERSITY OF MARYLAND
BALTIMORE, MARYLAND



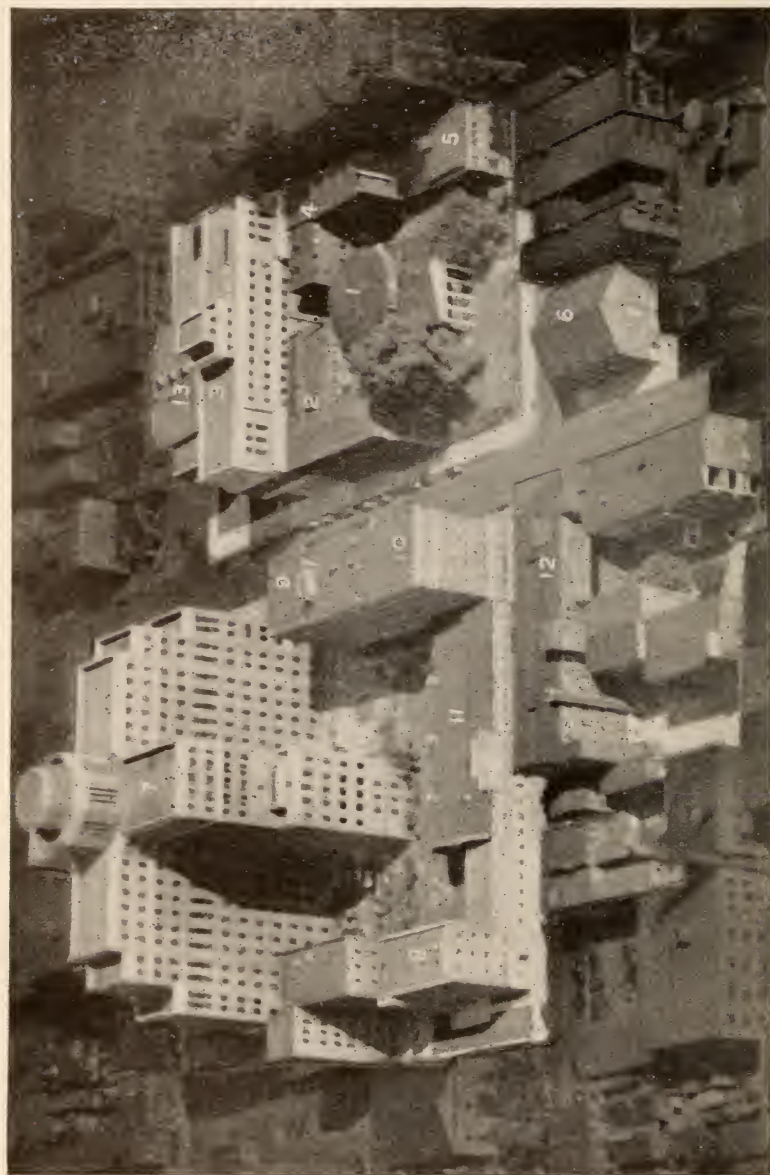
H.M.

NOTE

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Bulletin of the

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MEDICINE

UNIVERSITY OF MARYLAND

September, 1956

Announcements for
The One Hundred Fifty-First Academic Session
1956-1957

Catalogue of
The One Hundred Fiftieth Academic Session
1955-1956



University Hospital Showing the Psychiatric Institute in the Foreground



The Frank C. Bressler Research Laboratory

1956

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CALENDAR

ACADEMIC YEAR—SEPTEMBER 20, 1956 TO JUNE 8, 1957

1956

September 11, 12, 13 Reexaminations for advancement

FIRST SEMESTER—September 20, 1956 to January 26, 1957

September 18	Tuesday	*Registration, payment of fees, freshmen and sophomores
September 19	Wednesday	*Registration, payment of fees, all other students
September 20	Thursday	Instruction begins at 8:00 a.m.
November 20	Tuesday	Instruction suspended at 5:00 p.m. Thanksgiving Holiday
November 26	Monday	Instruction resumed at 8:00 a.m.
December 21	Friday	Instruction suspended at 5:00 p.m. Christmas Holiday

1957

January 3	Thursday	Instruction resumed at 8:00 a.m.
January 21	Monday	Holiday—Inauguration Day
January 22	Tuesday	Midyear examinations begin (Junior and Senior classes continue throughout this week)
		*Payment of fees for second semester
January 26	Saturday	First semester completed, 2:00 p.m.

SECOND SEMESTER—January 28 to June 8, 1957

January 28	Monday	Instruction begins at 8:00 a.m.
February 22	Friday	Holiday—Washington's Birthday
February 23	Saturday	Instruction resumed at 8:00 a.m.
April 17	Wednesday	Instruction suspended at 5:00 p.m. Easter Holiday
April 22	Monday	Instruction resumed at 8:00 a.m.
May 2	Thursday	{ Juniors and Seniors excused to attend the annual meetings of the Medical and Chirurgical Faculty
May 3	Friday	
May 24	Friday	Senior classes cease at 5:00 p.m.
May 27	Monday	Freshman, Sophomore and Junior examinations begin
May 30	Thursday	Holiday—Memorial Day
June 3	Monday	Announcement of graduates
June 8	Saturday	Commencement

Second semester completed at 12:30 p.m.

*All students are expected to complete their registration, including the payment of bills on regular registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

The offices of the registrar and comptroller are open daily from 9:00 A.M. to 4:00 P.M., and Saturday from 9:00 A.M. to 12:00 noon.



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The State law provides that the Board of Regents of the University of Maryland shall constitute the Maryland State Board of Agriculture.

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DEPARTMENT OF PATHOLOGY

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DEPARTMENT OF PHARMACOLOGY

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DEPARTMENT OF PSYCHIATRY

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HISTORY OF THE SCHOOL OF MEDICINE

The present School of Medicine, with the title University of Maryland School of Medicine and College of Physicians and Surgeons, is the result of a consolidation and merger of the University of Maryland School of Medicine with the Baltimore Medical College (1913) and the College of Physicians and Surgeons of Baltimore (1915).

Through the merger with the Baltimore Medical College, an institution of thirty-two years' growth, the facilities of the School of Medicine were enlarged, faculty, equipment and hospital connection.

The College of Physicians and Surgeons was incorporated in 1872, and established on Hanover Street in a building afterward known as the *Maternité*, the first obstetrical hospital in Maryland. In 1878 union was effected with the Washington University School of Medicine, in existence since 1827, and the college was removed to Calvert and Saratoga Streets. Through the consolidation with the College of Physicians and Surgeons, medical control of the teaching beds of the Mercy Hospital was obtained.

The School of Medicine of the University of Maryland is one of the oldest foundations for medical education in America, ranking fifth in point of age among the medical colleges of the United States. It was organized in 1807 and chartered in 1808 under the name of the College of Medicine of Maryland, and its first class was graduated in 1810. In 1812 the College was empowered by the Legislature to annex three other colleges or faculties: Divinity, Law, and Arts and Sciences; and the four colleges thus united were "constituted an University by that name and under the title of the University of Maryland."

The original building of the Medical School at the N. E. corner of Lombard and Greene Streets was erected in 1812. It is the oldest structure in this country from which the degree of doctor of medicine has been granted annually since its erection. In this building were founded one of the first medical libraries and one of the first medical school libraries in the United States.

At this Medical School dissection was made a compulsory part of the curriculum and independent chairs for the teaching of gynecology and pediatrics (1867), and of ophthalmology and otology (1873), were installed for the first time in America.

This School of Medicine was one of the first to provide for adequate clinical instruction by the erection of its own hospital in 1823. In this hospital intramural residency for senior students was established for the first time.

The School of Medicine has been co-educational since 1918.

BUILDINGS AND FACILITIES

The original medical building at the N. E. corner of Lombard and Greene Streets houses the offices of the Dean, Associate Deans, the Committee on Admissions, and Postgraduate Committee and two lecture halls.

The Administration Building, to the east of the original building, contains the Baltimore offices of the Registrar and two lecture halls.

The laboratory building at 31 South Greene Street is occupied by the departments of Pathology, Bacteriology and Biochemistry.

The Frank C. Bressler Research Laboratory provides the departments of Anatomy, Histology and Embryology, Pharmacology, Physiology and Clinical Pathology with facilities for teaching and research. It also houses the research laboratories of the clinical departments, animal quarters, a laboratory for teaching Operative Surgery, a lecture hall and the Bressler Memorial Room.

This building was erected in 1939-1940 at 29 South Greene Street opposite the University Hospital. It was built with funds left to the School of Medicine by the late Frank C. Bressler, an alumnus, supplemented by a grant from the Federal Government. The structure, in the shape of an I, extends east from Greene Street, just north of the original building.

MEDICAL LIBRARY

The Medical Library of the University of Maryland, founded in 1813 by the purchase of the collection of Dr. John Crawford, now numbers about 40,000 volumes and several thousand pamphlets. Over six hundred of the leading medical journals, both foreign and domestic, are received regularly. The library, formerly housed in Davidge Hall, is now in temporary quarters at 6 South Greene Street for the interval while a new medical sciences library building is being constructed at the corner of Lombard and Greene Streets. Although much of the less used material, of necessity, in storage, library services will be adequately maintained under the interim arrangement.

The library of the Medical and Chirurgical Faculty of Maryland and the Welch Medical Library are open to students of the medical school without charge. Other libraries of Baltimore are the Peabody Library and the Enoch Pratt Free Library.

OUT PATIENT DEPARTMENT

The Out Patient Department is located on the S. W. corner of Lombard and Greene Streets. The building was originally the University Hospital. It has been remodeled to provide space and facilities for more than thirty clinics, the departments of X-ray, a Pharmacy, Laboratory and other ancillary services. Admission policies are predicated upon the teaching requirements of the School of Medicine and the ward services of the University Hospital.

A close liaison is maintained with the City Health Department through the joint efforts of the University Hospital and the City Department of Health in maintaining the Well Baby Clinic, the Western Health District and the Medical Care Clinic, which are housed in the Out Patient Department building.

The Department of Art and the Department of Dental Anatomy also have quarters in the Out Patient Department building.

UNIVERSITY HOSPITAL

The University Hospital, a Department of the University of Maryland, is

the oldest institution for the care of the sick in the State of Maryland. It was opened in September 1823 under the name of the Baltimore Infirmary and at that time consisted of only four wards, one of which was reserved for patients with diseases of the eye.

In 1933-1934 the New University Hospital Building was erected. It has a capacity of 435 beds and 65 bassinets. In 1952-1953 an ultra-modern Psychiatric Institute Building was erected and a junctional wing was added to the general hospital. The new additions increased the hospital bed capacity to 659 beds and 70 bassinets devoted to general medicine, surgery, obstetrics, pediatrics, psychiatry and the various medical and surgical specialties. Three hundred and forty-two are for ward patients.

The new hospital buildings are situated at the southwest corner of Redwood and Greene Streets opposite the medical school buildings. The students, therefore are in close proximity and little time is lost in passing from the lecture halls and laboratories to the clinical facilities of the University Hospital. The hospital as planned, makes a particularly attractive teaching unit and is a very valuable addition to the clinical teaching facilities of the medical school.

Most of the Ancillary Services are located on the second floor of the Hospital. The north wing is occupied by the department of roentgenology. The east wing houses clinical pathology and special laboratories for clinical microscopy, biochemistry, bacteriology, and hematology. The south wing provides space for electrocardiographic and basal metabolism departments. The west wing contains the departments of rhinolaryngology and bronchoscopy, industrial surgery, and male and female cystoscopy.

The Emergency Service of the hospital receives and treats a large number of emergency cases because of its proximity to the largest manufacturing and shipping districts of the city. During the past fiscal year a total of 31,249 patients were treated in the Emergency Room.

The Out Patient Department of the University Hospital is a well organized teaching area. Over 100,000 visits to the various clinics of the Out Patient Department were made during the last fiscal year.

THE PSYCHIATRIC INSTITUTE

The Psychiatric Institute of the University was opened for the care of patients in 1953. It is a six-story building connected directly with the University Hospital of which it is an integral part. It houses the Department of Psychiatry of the Medical School. The upper three floors of the building are reserved for the treatment and care of 100 in-patients. The out-patient unit, which includes the child guidance clinic and adult psychiatric clinics, occupies the three lower floors. Clinics and research laboratories are located in the first and second floors of the connecting wing. There is a lecture hall and a large study library on the first floor.

Each of the upper floors is arranged into two wards with dining rooms next to a central kitchen for each ward. A nurses' station is in the center of each floor allowing ready visibility and access to the rooms along the corridors. The third and fourth floors are used for disturbed patients.

Facilities are available to treat patients in every phase of psychiatric illness and rehabilitation. Rooms are available for the care of patients in the acutely disturbed phase of their illness. There are small units for various types of physical treatments and for hydrotherapy situated on and adjacent to the disturbed wards.

Recreational facilities are available for adults and children in a large auditorium and gymnasium on the seventh floor which lead to an enclosed roof. A large playground is available to in-patients and out-patients alike.

The lower three floors of the building are used for the child guidance clinic and for out-patients. There are 63 offices available to physicians, nurses, psychologists and social workers; also available are five large waiting rooms and three conference rooms. Eleven offices are adjacent to the wards and fourteen offices can be used for both in-patients and clinic patients. Sixteen offices have microphone outlets so physicians can make recordings for study. A library of recordings is near the main library where students can listen to recorded interviews.

Space is provided for clinical and research laboratories. EEG connections are available to several laboratories. Three clinical laboratories, a psychological laboratory and a neuro-physiological laboratory are in the connecting wing between the psychiatric unit and the general hospital. These are available for purposes of diagnosis, treatment and research.

MERCY HOSPITAL

Mercy Hospital traces its history back to the foundation of the Washington School of Medicine in 1824. In 1872 some of the members of this institution founded a new school, which was the beginning of the College of Physicians and Surgeons of Baltimore.

Washington School of Medicine opened a dispensary and a small hospital at the corner of Saratoga and Calvert Streets and named it the Baltimore City Hospital. This building served both as a hospital and a medical school. In 1874 the Sisters of Mercy, upon the invitation of Washington School of Medicine, assumed responsibility for the Nursing Services of the hospital. In 1876, Washington University merged with the College of Physicians and Surgeons.

In 1888 the Sisters of Mercy with the assistance of the Faculty of the College of Physicians and Surgeons laid the cornerstone of the present hospital. Since then the growing demands for more space have compelled the erection of additional addition until now it accommodates 356 patients.

In 1909 the name of the Baltimore City Hospital was changed to Mercy Hospital.

The clinical material in the free wards is under the exclusive control of the University of Maryland School of Medicine and College of Physicians and Surgeons. One hundred ninety-three beds are allotted for teaching purposes.

During the year ending December 31, 1954, there were 13,087 general admissions, 5,888 dispensary visits, 2,544 obstetrical deliveries, and 14,330 emergency visits in the Accident Department.

Mercy Hospital founded its School of Medical Technology in 1928. It was officially approved in 1933 making it the first approved School of Medical Technology in the city. It is also approved by the Council of Medical Education and Hospitals of the American Society of Clinical Pathologists.

The clinical facilities of the School of Medicine have been largely increased by the liberal decision of the Department of Public Welfare to allow the use of the wards of these hospitals for medical education. The autopsy material also is available for student instruction.

Members of the junior class make daily visits to these hospitals for clinical instruction in medicine, surgery, and the specialties.

The Baltimore City Hospitals consist of the following separate divisions:

The General Hospital, 420 beds, 80 bassinets.

The Hospital for Chronic Cases, 500 beds.

The Hospital for Tuberculosis, 440 beds.

Infirmary (Home for Aged) 425 beds.

Out Patient Department.

THE JAMES LAWRENCE KERNAN HOSPITAL AND INDUSTRIAL SCHOOL OF MARYLAND FOR CRIPPLED CHILDREN

This institution is situated on an estate of 75 acres at Dickeyville. The site is within the northwestern city limits and of easy access to the city proper.

The location is ideal for the treatment of children, in that it affords all the advantages of sunshine and country air.

A hospital unit, complete in every respect, offers all modern facilities for the care of any orthopaedic condition in children.

The hospital is equipped with 80 beds—endowed, and city and state supported.

The orthopaedic dispensary at the University Hospital is maintained in close affiliation and cares for the cases discharged from the Kernan Hospital. The physical therapy department is very well equipped with modern apparatus and trained personnel. Occupational therapy has been fully established and developed under trained technicians.

THE BALTIMORE EYE, EAR, AND THROAT HOSPITAL

This institution was first organized and operated in 1882 as an outgrowth of the Baltimore Eye and Ear Dispensary, which closed on June 14, 1882. The name then given to the new hospital was The Baltimore Eye and Ear Charity Hospital. It was located at the address now known as 625 W. Franklin St. The out-patient department was opened on September 18, 1882 and the hospital proper on November 1 of the same year. In 1898 a new building afforded 24 free beds and 8 private rooms; by 1907 the beds numbered 47; at present there are 60 beds, 29 of which are free. In 1922 the present hospital building at 1214 Eutaw Place was secured and in 1926 the dispensary was opened. In 1928 a clinical laboratory was installed. During 1953 the out-patient visits numbered 22,434.

Through the kindness of the Hospital Board and Staff, our junior students have access to the dispensary which they visit in small groups for instruction in ophthalmology.

LUTHERAN HOSPITAL OF MARYLAND INC.

The Lutheran Hospital of Maryland Inc., originally organized in 1923 as the West Baltimore General Hospital, is a general hospital of 191 adult beds and 43 bassinets, located in the western section of the city. The hospital became an affiliate of the School of Medicine in 1953.

The Lutheran Hospital of Maryland offers an academic postgraduate program in the major specialties of medicine, surgery, gynecology, and obstetrics, being fully approved by the respective American Boards. A postgraduate teaching program of lectures and clinics is an integral part of the residency training. The hospital provides modern laboratory and library facilities, particularly adapted to postgraduate medical education. An adequate clinical service is maintained for training in the medical and surgical specialties. All academic programs are under the supervision of a Director of House Officer Training.

REQUIREMENTS FOR ADMISSION

METHOD OF MAKING APPLICATION FOR ADMISSION

When to apply:

Applications must be filed during the period from September 15 to January 1 for the subsequent September class.

Where to apply:

Requests for application forms should be sent to the Committee on Admission School of Medicine, University of Maryland, 522 West Lombard Street, Baltimore 1, Maryland.

APPLICATION FOR ADMISSION TO ADVANCED STANDING

Students who have attended approved medical schools are eligible to file applications for admission to the second and third year classes only. These applicants must be prepared to meet the current first-year entrance requirements in addition to presenting acceptable medical school credentials, and a medical school record based on courses which are quantitatively and qualitatively equivalent to similar courses in this school.

Application to advanced standing is made in accordance with the instructions accompanying the application form.

Persons who already hold the degree of Doctor of Medicine will not be admitted to the Medical School as a candidate for that degree from this university.

MINIMUM REQUIREMENTS FOR ADMISSION

The minimum requirements for admission to the School of Medicine are:

- (a) Graduation from an approved secondary school, or the awarding of a high school equivalency certificate by a state or county board of public education, and
- (b) A minimum of three academic years of acceptable college credit, exclusive of physical education and military science, earned in colleges of arts and sciences, whose names occur in the current list of "Approved Colleges of Arts and Sciences" as compiled by the Council on Medical Education and Hospitals of the American Medical Association. Applicants with a bachelor's degree in arts and sciences from approved college or university will be given preference.

- (c) The following courses and credits in required basic subjects must be completed by June of the year the applicant desires admission:

		Semester Hours	Quarter Hours
General biology or zoology.....	*(6)	8	*(9) 12
Inorganic chemistry	*(6)	8	*(9) 12
Organic chemistry		6	9
Quantitative chemistry		3	5
General Physics	*(6)	8	*(9) 12
English		12	18
Foreign language		6	9

- (d) In addition, sufficient credits in Arts and Science courses to make a minimum of 90 hours, exclusive of courses in physical education and military science. Courses must be acceptable by the college or university in which they were taken as well as at the University of Maryland, as satisfying requirements for an A.B. or B.S. degree.
- (e) Students will not be admitted who have failures in courses, which if they were not absolved, would prevent them from completing requirements for an A.B. or B.S. degree. Therefore, if any unabsolved failures appear on his transcript, the applicant must submit a letter from the Dean, Registrar or other authorized official stating that such is not the case.

Careful attention should be given to the selection of elective courses particularly in the natural sciences. If possible, the student should plan a four-year curriculum with a suitable Arts and Sciences major, not necessarily in science. A major in some other area is quite acceptable although it is not intended to divert students from a science major if this is their field of choice or if they plan to follow research in medicine. If the student wishes to take science courses beyond those required, he is encouraged to take such subjects as Embryology, Psychology, Comparative Anatomy, Parasitology, Genetics, Cellular Physiology, Physical Chemistry. Courses given in medical school such as Histology, Biochemistry, Neurology, Mammalian Physiology, Human Anatomy and Bacteriology are not recommended unless they are required in the student's major sequence. Having credit in such courses will not excuse the student from taking them in medical school. In the non-science area, courses in English, Philosophy, Sociology, Economics, Government and Politics, History are recommended.

Students are selected on the basis of their academic achievement, medical aptitude test scores, recommendations from college instructors or premedical committee, and personal interview. A student may be disqualified because of unsatisfactory reports in any of the areas. Academic achievement alone does not automatically insure acceptance as the Committee is equally concerned with personality, aptitude, character, motivation, and the assessment of the individual as a potential physician. Letters of recommendation from college instructors are requested from at least two science instructors and one non-science instructor.

Preference will be given to Maryland residents but well-qualified applicants from other areas in the United States or Canada will be considered. Applicants from foreign schools must complete at least 2 years of premedical work in an approved

*Consideration will be given applicants from the New England area where 6 semester hours, or 9 quarter hours, is the standard credit for a science course.

college or university in the United States or Canada. No applicants from foreign medical schools will be approved for advanced standing.

STATE MEDICAL STUDENT QUALIFYING CERTIFICATES

Candidates for admission who live in or expect to practice medicine in Pennsylvania, New Jersey or New York, should apply to their respective state boards of education for medical student qualifying certificates (Pennsylvania and New Jersey) or approval of applications for medical student qualifying certificates (New York).

Those students who are accepted must file satisfactory State certificates in the office of the Committee on Admissions, School of Medicine, before registration. No exceptions will be made to this requirement.

Addresses of the State Certifying Offices

Director of Credentials Section, Pennsylvania Department of Public Instruction, Harrisburg, Pa.

Chief of the Bureau of Credentials, New Jersey Department of Public Instruction, Trenton, N. J.

Supervisor of Qualifying Certificates, The State Education Department Examinations and Inspections Division, Albany, N. Y.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in this State for at least one year.

The status of the residence of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless in the case of a minor, his parents move to and become legal residents of the State by maintaining such residence for at least one full year. However, the right of the minor students to change from a non-resident to resident status must be established by him prior to the registration period for any semester.

Adult students are considered to be resident if at the time of their registration they have been domiciled in this State for at least one year provided such residence has not been acquired while attending any school or college in Maryland or elsewhere.

The word domicile as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

CURRENT FEES

Application fee	\$ 7.50
Matriculation fee (paid once).....	10.00
Tuition fee (each year)—Residents of Maryland.....	650.00
Tuition fee (each year)—Non-Residents.....	800.00
Laboratory fee (each year).....	25.00
Student health service fee (each year).....	30.00
Student activities and service fee (each year).....	20.00
†Lodging and meals fee.....	20.00
Graduation fee	15.00
Re-examination fee (each subject).....	5.00
Late registration fee	5.00

RULES FOR PAYMENT OF FEES

Make all checks or money orders payable to the "University of Maryland".

When offering checks or money orders in payment of tuition and other fees, students are requested to have them drawn in the exact amount of such fees. Personal checks whose face value is in excess of the fees due will be accepted for collection only.

Acceptance.—Payment of the matriculation fee of \$10.00 and of a deposit on tuition of \$50.00 is required of accepted applicants before the expiration date specified in the offer of acceptance. This remittance will be credited upon registration to the first semester charges. In the event of withdrawal before registration the \$10.00 matriculation fee will be retained by the School of Medicine and the \$50.00 advance deposit will be returned on request.

Registration.—For the Fall semester, all students, after proper certification, are required to complete a set of registration cards to be found in the Student Lounge of the Gray Laboratory before taking them to the Registrar's Office. All students are expected to complete their registration, including the payment of bills on the registration days. Those who do not complete their registration on the prescribed days will be charged a fee of \$5.00.

One-half of the tuition fee and all of the following—the laboratory fee, the student health fee, the maintenance and service fee and the student activities fee are payable on the date specified for registration for the first semester.

The remainder of the tuition fee shall be paid on the date designated for the payment of fees for the second semester. Fourth year students shall pay the graduation fee, in addition, at this time.

PENALTY FOR NON-PAYMENT OF FEES

If semester fees are not paid in full on the specified registration dates, a penalty of \$5.00 will be added.

†Senior Students will be billed for this fee, covering lodging and meals for a two-week period while on obstetrical service at Baltimore City Hospitals. This fee must be paid by all senior students whether or not they serve during the previous summer or during the academic year.

If a satisfactory settlement, or an agreement for settlement, is not made with the business office within ten days after a payment is due, the student automatically is debarred from attendance at classes and will forfeit the other privileges of the School of Medicine.

REEXAMINATION FEE

A student who is eligible for reexaminations must secure a bill in the amount of \$5.00 from the Registrar's Office and make payment to the Cashier for each subject in which he is to be examined, and he must present the receipt to the faculty member giving the examination before he will be permitted to take the examination.

STUDENT ACTIVITIES AND SERVICE FEE

This fee pays for the use of clothing lockers, provides library privileges, maintains student loan collections, a student lounge and cafeteria. It supports a recreational program for students of all classes and provides photographs for identification for all school purposes, including state boards. It supports the activities of the Student Council. A portion (\$5) of this fee provides a year-book for each medical student. This fee is budgeted by the Student Council and all expenditures from it must be approved by this body in accordance with its own By-Laws.

STUDENT HEALTH SERVICE

JAMES R. KARNS, M.D. Director, Student Health Service

The Medical School has made provision for the systematic care of undergraduate medical students according to the following plan:

1. *Preliminary Examination*—All new students will be examined during the first week of the semester. Notice of the date, time, and place of the examination will be announced to the classes and on the bulletin board. The passing of this physical examination is necessary before final acceptance of any student.
2. *Medical Attention*—Students in need of medical attention will be seen by the director, Dr. James R. Karns, in his office on the 8th floor University Hospital at 12 m. daily, except Saturday and Sunday. In case of necessity, students will be seen at their homes.
3. *Hospitalization*—If it becomes necessary for any student to enter the hospital during the school year, the school has arranged for the payment of part or all of his hospital expenses, depending on the length of his stay and special expenses incurred. This applies only to students admitted through the school physician's office.
4. *Physical Defects*—Prospective students are advised to have any known physical defects corrected before entering school in order to prevent loss of time which later correction might incur.
5. *Eye Examination*—Each new matriculant is required to undergo an eye examination at the hands of an oculist (Doctor of Medicine) within the three months immediately preceding his entrance to the School of Medicine.

6. *Limitations*—It is not the function of this service to treat chronic conditions contracted by students before admission, nor to extend treatment to acute conditions arising in the period between academic years, unless the school physician recommends this service.

GENERAL RULES

The right is reserved to make changes in the curriculum, the requirements for graduation, the fees and in any of the regulations whenever the university authorities deem it expedient. The School of Medicine will not be responsible for the students' personal property.

GRADING SYSTEM

Official grades are designated by these symbols:

<i>Symbol</i>	<i>Numerical Equivalent</i>	<i>Scholarship</i>
A	Superior	93-100
B	Good	87- 92
C	Fair	80- 86
D	Passing	75- 79
F	Failure	Below 75
I	Incomplete	_____
WF	Withdrew, failing	_____

The class standing of seniors only will be released. This standing will appear on senior grade reports sent out from the Registrar's office after graduation.

ADVANCEMENT AND GRADUATION

1. No medical student will be permitted to begin work for credit in any semester of any year who reports for classes later than one week after classes begin, except by permission of the Dean.
2. No student will be permitted to advance with unabsolved failures.
3. An average of C or better without failures in the year most recently completed is required for advancement to junior and senior standing and for graduation.
4. A student who in any one year has one failure together with grades of D in all other subjects, will be dropped from the rolls.
5. A student who has failures in two completed major subjects will be dropped from the rolls. The courses, Anat. 101. Gross Anatomy, Microanat. 101. Microanatomy, and Neuroanat. 101. Neuroanatomy, are considered a single major subject.
6. Students are required to attend all scheduled classes.
7. Should a student be required to repeat any year in any course, he must pay regular fees.
8. A student failing his final examinations for graduation at the end of the fourth year will be required to repeat the entire course of the fourth year and take examinations in such other branches as may be required, provided he is permitted to enter the school as a candidate for graduation.
9. The general fitness of a candidate for advancement and for graduation as

well as the results of his examinations will be taken into consideration by the faculty.

EQUIPMENT

10. At the beginning of the first year, all freshmen must possess a complete set of dissecting instruments. In addition, they must provide themselves with microscopes equipped with a mechanical stage and a substage lamp. Microscopes must meet the standards described below:

A standard microscope made by Bausch & Lomb, Leitz, Zeiss or Spencer fitted with the following attachments, meets the requirements.

16 mm., 10x, 0.25 N.A.—4.9 mm. working distance.
 4 mm., 43x, 0.65 N.A.—0.6 mm. working distance.
 18 mm., 97x, oil immersion, 1.25 N.A.—0.13 mm. working distance.
 Oculars: 10x and 5x. Huygenian eyepieces.
 Triple nose pieces with 16 mm., 4 mm., and 1.9 mm. 1.25 N.A. oil immersion lens.

Wide aperture stage with quick screw condenser and built on, but detachable, ungraduated mechanical stage. Substage condenser, variable focusing type 1.25 N.A. with iris diaphragm. A rack and pinion focusing device is preferred. Mirror—plane on one side, concave on the other. A carrying case is recommended.

Students are cautioned with respect to the purchase of used or odd-lot microscopes since some older instruments were equipped with a 4 mm. (high dry) objective whose N.A. is marked as 0.85 N.A. This objective has such a short working distance (0.3 mm.) that it is difficult or impossible to focus through thick cover glasses or the standard hemocytometer cover glass without breakage. All used microscopes are subject to inspection and approval by Dr. Frank H. J. Figue, Room 209, Bressler Building, 29 S. Greene Street. Such approval must be obtained before September 10. This inspection is usually not made during August.

11. Prior to beginning the second semester of the Freshman year, each student must provide himself with a stethoscope, sphygmomanometer and ophthalmoscope-otoscope. The Department of Physiology and the Division of Physical Diagnosis offer the following recommendations:

<u>Instrument</u>	<u>Recommended Type</u>	<u>Comment</u>
Stethoscope	Rieger-Bowles or Sprague-Bowles	Purchase thick-walled rubber tubing. The wall thickness and internal diameter should be 1/8 inch each.
Sphygmomanometer	Tycos aneroid	Other types are also satisfactory, but this has proved itself for all around reliability and durability.
Ophthalmoscope-Otoscope	Welch-Allyn or National	With closed (diagnostic) otoscope head and No. 106 May ophthalmoscope head (not deluxe.) With closed (diagnostic) otoscope head and May ophthalmoscope head.

The following equipment, which is frequently sold in a packaged kit with the above instruments will be needed for second year work in physical diagnosis:

Tuning fork	256 cycles per second	The large aluminum alloy type is preferred to the small stainless steel variety.
Reflex hammer	any simple type	Avoid specialized instruments with built in pins, brushes, etc.

12. Students in the second year class are also expected to provide themselves with a hemocytometer (Spencer Bright-Line). Third and fourth year students are required to provide themselves with short white lapel coats. Three button, 8 ounce sanforized duck coats are satisfactory.

STATE QUALIFYING CERTIFICATES

13. Candidates for admission who live in or expect to practice medicine in Pennsylvania or New Jersey should apply to their respective State Boards of Education for Medical Student Qualifying Certificates. These certificates should be filed with the Committee on Admissions. Candidates from New York must have completed at least two years of approved liberal arts study including courses of 6 semester hours of English, 6 hours of Biology or Zoology, 6 hours of Physics, 6 hours of General Chemistry and 3 hours of Organic Chemistry in order to be eligible for admission to the medical licensing examination in New York.

14. Each new matriculant in each class is required to present to the Committee on Admissions a certificate from an oculist, (a graduate in medicine) that the matriculate's eyes have been examined under a cycloplegic and are in condition, with or without glasses as the case may be, to endure the strain of close and intensive reading.

It is required that this examination be completed within three months prior to registration and that the certificate be mailed to the Committee on Admissions not later than one month before registration.

AWARDING OF COMBINED DEGREES

15. Students entering the School of Medicine on a three-year requirement basis from colleges which usually grant a degree on the successful completion of the first year of medicine, are restricted by the following regulations:

- a—The candidate must present a certificate from his college or university that he has absolved the quantitative and qualitative premedical requirements for this degree.
- b—The candidate must acquire an average of C or better without failures for the work of his first year in the School of Medicine.
- c—The Dean of the School of Medicine reserves the right to withhold his recommendation that a bachelor's degree be conferred at a commencement which occurs before the official release of first-year medical grades.

TRANSCRIPTS

16. Students will be provided the first transcript of record without charge. After the first copy has been issued single copies will cost one dollar. When two or more copies are requested at the same time the first copy will cost one dollar, additional copies fifty cents each. Requests for transcripts must be filed with the Registrar's Office, University of Maryland, 522 West Lombard Street, Baltimore-1, Maryland.

CHANGES OF ADDRESS

17. Students are required to give the Dean's Office and the Registrar's Office prompt notice of change in address.

PARKING

18. Students are not permitted to use the university parking lots.

HOUSING

There are no housing or living accommodations on the campus of the medical school.

LIBRARY REGULATIONS

Loan Regulations

Loan periods have been worked out according to demand for and protection of different types of material.

Two-Week Loans: All books except those on reserve.

One-Week Loans: All journals except the latest number (which does not circulate), and those on reserve.

Overnight Loans: Books and journals on reserve.
(3:50 p.m.-2 p.m.)

Special Rules for Books on Reserve:

Students whose names appear on the check-list for the Mercy Hospital section will be granted the necessary hours to return reserve books.

Overnight books may be reserved in advance only within the week in which they will be used. Books may be reserved on Saturday for the following Monday.

Overnight books may not be reserved two successive nights by the same person. Advance reserves will be held until one hour before closing.

Fines

Fines are imposed not to acquire money, but to assure equal access to books.

Two-Week Loans: 5¢ per day.

One-Week Loans: 5¢ per day.

Overnight Loans: 15¢ for first hour; 5¢ for each additional hour or fraction thereof.

Lost Books: List price of the book. (Lost books should be reported at once).

All books must be returned, lost books replaced or paid for, and fines paid before a student can finish the year in good standing.

In fairness to all concerned, these rules must be enforced without exception.

CERTIFICATION FOR STATE BOARD AND NATIONAL BOARD EXAMINATIONS

No student will be certified to State Board or National Board examiners who has unabsolved failures in subjects taken during the academic period covered by these examinations.

WITHDRAWALS AND REFUNDS

Formal Withdrawal Procedures

Students over 21 years of age desiring to leave the School of Medicine at any time during the academic year are required to file with the Dean a written application for withdrawal. In addition, the student must secure an "honorable dismissal release" form from the Dean's secretary, and return this to the Dean's office appropriately signed by representatives of the departments listed thereon, together with his "matriculation certificate."

If these procedures are not completed, the student will not be entitled to honorable dismissal nor to refund of fees.

Students under 21 years of age, must supplement the procedures previously described with the written consent of their parents or guardians.

Academic Standing On Withdrawal

Students who voluntarily withdraw during an academic semester will be given no credit.

Students are not permitted to resort to withdrawal in order to preclude current or impending failures. Their standing on withdrawal will be recorded in the registrar's office.

Students who withdraw from the School of Medicine, must apply to the Committee on Admissions for readmission, unless other arrangements have been consummated with the Dean's written consent.

Refunds on Withdrawal

Students who are eligible to honorable dismissal will receive a refund of current charges, after the matriculation fee has been deducted, according to the following schedule:

<i>Period elapsed after instruction begins.</i>	<i>Percentage refundable</i>
Two weeks or less.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%
After five weeks.....	0

PRIZES

THE FACULTY PRIZE

The Faculty will award the Faculty Gold Medal and Certificate and five Certificates of Honor to six of the first ten highest ranking candidates for graduation who, during the four academic years, have exhibited outstanding qualifications for the practice of medicine.

THE DR. A. BRADLEY GAITHER MEMORIAL PRIZE

A prize of \$25.00 is given each year by Mrs. A. Bradley Gaither as a memorial to the late Dr. A. Bradley Gaither, to the student in the senior class doing the best work in genito-urinary surgery.

THE WILLIAM D. WOLFE MEMORIAL PRIZE

(Value \$100.00 each)

A certificate of proficiency and a prize of \$100.00 will be awarded each year until the fund is dissipated, to the graduate selected by the Advisory Board of the Faculty showing greatest proficiency in Dermatology.

THE DR. LEONARD M. HUMMEL MEMORIAL AWARD

A gold medal and certificate of proficiency will be awarded annually, as a memorial to the late Dr. Leonard M. Hummel, to the graduate selected by the Advisory Board of the Faculty who has manifested outstanding qualifications in Internal Medicine.

SCHOLARSHIPS

All scholarships are assigned for one academic year, unless specifically re-awarded on consideration of an application.

Official application forms are obtainable at the Dean's office, where they must be filed not later than May 15th for the ensuing academic year.

THE DR. SAMUEL LEON FRANK SCHOLARSHIP

(Value \$100.00)

This scholarship was established by Mrs. Bertha Rayner Frank as a memorial to the late Dr. Samuel Leon Frank, an alumnus of this university.

It is awarded by the Trustees of the Endowment Fund of the University each year upon nomination by the Advisory Board of the Faculty "to a medical student of the University of Maryland, who in the judgment of said Council, is of good character and in need of pecuniary assistance to continue his medical course."

This scholarship is awarded to a second, third or fourth year student who has successfully completed one year's work in this school. No student may hold this scholarship for more than two years.

THE CHARLES M. HITCHCOCK SCHOLARSHIPS

(Value \$100.00 each)

Two scholarships were established from a bequest to the School of Medicine by the late Charles M. Hitchcock, M.D., an alumnus of the university.

These scholarships are awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to students who have meritoriously completed the work of at least the first year of the course in medicine, and who present to the Board satisfactory evidence of a good moral character and of inability to continue the course without pecuniary assistance.

THE RANDOLPH WINSLOW SCHOLARSHIP

(Value \$100.00)

This scholarship was established by the late Randolph Winslow, M.D., LL.D.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon nomination by the Advisory Board of the Faculty, to a "needy student of the Senior, Junior, or Sophomore Class of the Medical School."

"He must have maintained an average grade of 85% in all his work up to the time of awarding the scholarship."

"He must be a person of good character and must satisfy the Faculty Board that he is worthy of and in need of assistance."

THE DR. LEO KARLINSKY MEMORIAL SCHOLARSHIP

(Value \$125.00)

This scholarship was established by Mrs. Ray Mintz Karlinsky as a memorial to her husband, the late Dr. Leo Karlinsky, an alumnus of the university.

It is awarded annually by the Trustees of the Endowment Fund of the University, upon the nomination of the Advisory Board of the Faculty, to "a needy student of the Senior, Junior or Sophomore Class of the Medical School."

He must have maintained in all his work up to the time of awarding the scholarship a satisfactory grade of scholarship.

He must be a person of good character and must satisfy the Advisory Board that he is worthy of and in need of assistance.

THE CLARENCE AND GENEVRA WARFIELD SCHOLARSHIPS

(Value \$300.00 each)

There are five scholarships established by the regents from the income of the fund bequeathed by the will of Dr. Clarence Warfield.

Terms and Conditions: These scholarships are available to students of any of the classes of the course in medicine. Preference is given to students from the counties of the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners.

Any student receiving one of these scholarships must agree, after graduation and a year's internship, to undertake the practice of medicine, for a term of two years, in the county to which the student is accredited, or in a county selected by the Board. In the event the recipient is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded by the student.

THE ISRAEL AND CECELIA E. COHEN SCHOLARSHIP

(Value \$150.00)

This scholarship was established by the late Eleanor S. Cohen in memory of her parents, Israel and Cecelia E. Cohen. Terms and conditions: This scholarship will be available to students of any one of the classes of the course in medicine; preference is given to students of the counties in the state of Maryland which the Advisory Board of the Faculty may from time to time determine to be most in need of medical practitioners. Any student receiving one of these scholarships must, after graduation and a year's internship, agree to undertake the practice of medicine for a term of two years in the county to which the student is accredited, or in a county selected by the council. In the event that a student is not able to comply with the condition requiring him to practice in the county to which he is accredited by the Board, the money advanced by the regents shall be refunded.

THE DR. HORACE BRUCE HETRICK SCHOLARSHIP

(Value \$250.00)

This scholarship was established by Dr. Horace Bruce Hetrick as a memorial to his sons, Bruce Hayward Hetrick and Augustus Christian Hetrick. It is to be awarded by the Advisory Board of the Faculty to a student of the senior class.

THE HENRY ROLANDO SCHOLARSHIP

(Value approximately \$250.00)

The Henry Rolando Scholarship was established by the Board of Regents of the University of Maryland from a bequest to the Board by the late Anne H. Rolando for the use of the Faculty of Medicine.

This scholarship will be awarded each academic year on the recommendation of the Advisory Board of the Faculty to a "poor and deserving student."

THE READ SCHOLARSHIPS

The sum of \$500.00 is now available to cover two (2) scholarships in the amount of \$250.00 each for a given academic year. Beginning in 1945, these scholarships were made possible by a donation from the Read Drug and Chemical Company of Baltimore, Maryland. Two students are to be selected by the Dean of the School of Medicine in collaboration with the Scholarship and Loan Committees of the Medical School with the provision that the students selected shall be worthy, deserving students, residents of the State of Maryland.

LOAN FUNDS

W. K. KELLOGG FUND

This loan fund was established in the academic year 1942 with money granted by the W. K. Kellogg Foundation. The interest paid on the loans, together with the principal of the fund as repaid, will be used to found a rotating loan fund. Loans will be made on the basis of need, character and scholastic attainment.

FACULTY OF MEDICINE LOAN FUND

A Faculty of Medicine Loan Fund was established with money derived from the bequest of Dr. William R. Sanderson, Class 1882, and the gift of Dr. Albert Stein, Class 1907 and a gift of Dr. Frank A. Merlino, Class 1928. Loans will be made on the basis of need, character, and scholastic ability.

THE EDWARD L. MEIERHOF LOAN FUND

This bequest was established through a grant from Dr. Edward L. Meierhof, who was graduated from the Medical School in 1881. The principal of this fund will be used as a rotating loan fund from which loans will be made to regularly enrolled students of the School of Medicine on the basis of need, character and scholastic attainment.

THE JAY W. EATON LOAN FUND

This fund was established by the local chapter of the Nu Sigma Nu Fraternity in memory of Jay W. Eaton of the class of 1946.

Beginning in 1946 an interest-free loan of \$100.00 will be made to some worthy member of the senior class, on recommendation of the Scholarship Committee of the School of Medicine. This loan is to be credited to the tuition fee of the appointed student and is to be repaid by the student within four years following his graduation.

THE SENIOR CLASS LOAN FUND

The senior class of 1945 originated this fund which will accumulate by subscription from among members of each senior class.

The conditions of the agreement provide that the Dean of the School of Medicine award a loan of \$100.00 to a needy member of the senior class on the recommendation of a self-perpetuating committee of two members of the faculty.

Loans from this fund are to be credited to the tuition fee of the appointed student and are to be repaid within five years from the date of graduation.

THE WILLIAM AND SARAH KRAUT MEMORIAL STUDENT LOAN FUND

This loan fund was established in 1954 by a gift from Dr. Arthur M. Kraut as an expression of his appreciation for what the School of Medicine has meant to him and as a memorial to his parents.

The Scholarship and Loan Committee of the School of Medicine shall be the sole and final judge in matters of administration and operation of the fund.

Loans from the fund and the terms of repayment are unrestricted and are left to the discretion of the committee.

THE STUDENT AID FUND FOR SENIORS

This fund was originated by the class of 1950 and is sponsored by the senior class of each succeeding year. The purpose of the fund is to provide financial aid for any deserving member of the senior class. All members of the senior class are eligible to apply for a loan. Applications may be filed at the office of the Dean.

The conditions of the agreement provide that the Scholarship and Loan Committee award loans to members of the senior class on recommendation of a self-perpetuating committee of two members of the faculty who may call on the president of the senior class for assistance, if desired.

Loans from this fund are made on a non-interest bearing basis and are payable within five years. A signed note is required. No co-signers are necessary.

ORGANIZATION OF THE CURRICULUM

The curriculum is organized under fifteen departments.

1. Anesthesiology.
2. Anatomy (including Histology, Embryology, and Neuro-anatomy).
3. Biological Chemistry.
4. Medicine (including Medical Specialties).
5. Microbiology.
6. Obstetrics and Gynecology.
7. Ophthalmology.
8. Pathology.
9. Pediatrics.
10. Pharmacology.
11. Physiology.
12. Preventive Medicine and Rehabilitation.
13. Psychiatry.
14. Radiology.
15. Surgery (including Surgical Specialties).

The instruction is given in four academic years of graded work.

Several courses of study extend through two years or more, but in no case are the students of different years thrown together in the same course of teaching.

The first and second years are devoted largely to the study of the structures, functions and chemistry of the normal body. Laboratory work occupies most of the student's time during these two years.

Some introductory instruction in medicine and surgery is given in the second year. The third and fourth years are almost entirely clinical.

A special feature of instruction in the school is the attempt to bring together teacher and student in close personal relationship. In many courses of instruction the classes are divided into small groups and a large number of instructors insures attention to the requirements of each student.

In most courses the final examination as the sole test of proficiency has disappeared and the student's final grade is determined largely by partial examinations, recitations and assigned work carried on throughout the course.

INTERDEPARTMENTAL COURSES

ID. 1. Man and His Environment. First year. 64 hours.

Distinguished leaders in American medicine participate in the presentation of these weekly sessions. The course is broad in scope, stressing the cultural aspects of anthropology with emphasis directed toward the sociological, psychological, physiological, and geneological relationships of man and his surroundings. All departments of the School of Medicine participate.

ID. 2. Introduction to Clinical Medicine. Second year. 64 hours.

The techniques of obtaining medical histories are taught by lectures, demonstrations, and small group exercises. A concentrated effort is made to emphasize and illustrate the pathologic-physiology accounting for the pertinent symptoms and signs searched for in every medical history and physical examination. The Departments of Medicine, Obstetrics and Gynecology, Pediatrics, Preventive Medicine and Rehabilitation, Psychiatry, Radiology, and Surgery participate in the instruction.

ID. 3. Physical Diagnosis. Second year. Second semester. 32 hours.

This course implements ID. 2 and provides the student with bedside instruction in physical diagnosis. Small tutorial groups are formed each under the direction of an instructor. In the first five weeks, experience in physical examination of normal individuals is given one afternoon weekly. During the subsequent 12 weeks, students become acquainted with abnormal signs through examination of hospitalized patients. For the first five of these 12 weeks, the Cardiology Division gives instruction in the physical examination of the heart. Thereafter, sections are assigned in rotation to the Division of Neurology and the Department of Pediatrics for instruction in these specialties.

ID. 4. Interdepartmental Seminars. Third and Fourth years. 64 hours.

These seminars are designed to present, during the course of two academic years, a correlated consideration of the major disease processes encountered in the practice of medicine. All departments cooperate to provide an intensive presentation designed to elucidate the clinical and basic science aspects of the diseases under discussion.

ANATOMY

Professors Figge (Head of Department), Brantigan, Nauta, Uhlenhuth;

Associate Professors Krah1, Mack, Walker; Assistant Professors

Leveque, Mech, Kuypers, Settle; and Staff.

Anat. 101. Gross Anatomy. First year. First semester. 256 hours.

This course gives the student an opportunity to develop a basic concept of the morphology of the human body. It is closely interwoven with the study of neuroanatomy, histology, and embryology, and some time is devoted to roentgen anatomy. The entire human body is dissected.

Microanat. 101. Microanatomy. First year. First semester. 144 hours.

This course presents an integrated study of the histology and embryology of the human body. An attempt is made to correlate this with gross anatomy as well as other subjects in the medical curriculum. Special emphasis is placed on the dynamic and functional aspects of the subject.

Neuroanat. 101. Neuroanatomy. First year. First semester. 96 hours.

The study of the detailed anatomy of the central nervous system is coordinated with structure and function of the entire nervous system. The dissection of the human brain and the examination of stained microscopic sections of various levels of the brain stem are required.

Anat. 103. Clinical Anatomy. Second year. Second semester. 96 hours.

The course is designed to bridge the gap between basic anatomy and clinical or applied anatomy. The study of surface anatomy is correlated with physical diagnosis. Students have an opportunity to perform a detailed anatomical dissection with emphasis upon clinical application.

For Graduates

The graduate degrees offered by the Department of Anatomy are the Master of Science and the Doctor of Philosophy.

Anat. 201. General Anatomy of the Human Body (8). Same course as 101, but on a more advanced level. It can be taken by graduate as well as postgraduate students. Laboratory fee, \$15.00.

Anat. 202. The Anatomy of the Human Pelvis (2). Fifteen periods of four hours each during the first semester, mornings by arrangement. This course is open to graduate students, medical students, and postgraduate students.

Anat. 203. Practical Anatomy (4). Same course as Anat. 103 but on a more advanced level.

Anat. 204. Fetal and Infant Anatomy (2). Fifteen periods of three hours each, every Thursday from 2:00 to 5:00 p.m. for 15 weeks during the first semester. This course is open to graduate students and postgraduates interested in Pediatrics.

Anat. 205. Research in Anatomy. Maximum credits, 12 per semester. Research work may be taken in any one of the branches of Anatomy.

Neuroanat. 201. Human Neuroanatomy (4). Same course as Neuroanat. 101, but with additional work of a more advanced nature. Laboratory fee, \$10.00.

Neuroanat. 202. Research in Neuroanatomy. Maximum credits, 12. Research work involving the central or peripheral nervous system.

Microanat. 201. Mammalian Histology (6). Same course as Microanat. 101, but with additional work of a more advanced nature. Laboratory fee, \$10.00.

Microanat. 202. Normal and Typical Growth. Lectures in Problems of Growth (2). Two hours per week, time to be arranged. Sixteen weeks, second semester.

Microanat. 203. Research. Maximum credits, 12. Research work may be taken in any one of the branches which form the subject of Microanatomy (including cancer research).

ANESTHESIOLOGY

Associate Professor Hackett (Acting Head of Department); Professor Nelson; Associate Professors Phillips, Safar; and Staff.

During the pre-clinical years and the third year, the Department of Anesthesiology presents several lectures in courses taught by the Departments of Pharmacology and Surgery. These lectures are intended to show the

application of basic sciences to the clinical practice of anesthesiology and how the various facets of the clinical entity under discussion affect the choice of preanesthetic medication, the anesthetic agent, and the technique to be employed.

Anes. 101. Introduction to Anesthesiology. Fourth year. 35 hours.

Each senior student spends a week, or its time equivalent, in the operating rooms of University Hospital administering anesthesia and observing. Informal group meetings are held to emphasize factors affecting the anesthetic management of patients observed and to discuss the more common anesthetic problems of general practice.

BIOLOGICAL CHEMISTRY

Professor Schmidt (Head of Department); Associate Professors Herbst, Vanderlinde; Assistant Professor Vasington; and Staff.

Biochem. 101. Principles of Biochemistry. First year. Second semester. 208 hours.

This course is designed to present the principles of biological chemistry and to indicate their applications to the clinical aspects of medicine. The phenomena of living matter and its chief ingredients, secretions, and excretions are discussed in lectures and conferences and examined experimentally. Training is given in biochemical methods of investigation.

For Graduates

Graduate degrees offered by the Department of Biological Chemistry are the Master of Science and Doctor of Philosophy.

Biochem. 201. Principles of Biochemistry (8). Same course as Biochem. 101, but on a more advanced level for graduate students. Laboratory fee, \$20.00.

Biochem. 202. Special Topics in Biochemistry (1, 1). Prerequisite, Biochem. 101 or 201.

Biochem. 203. Research. Maximum credits, 12. Credit proportioned to extent and quality of work accomplished.

Biochem. 204, 205. Seminar (1, 1). First and second semesters.

Biochem. 206. Enzymes and Metabolism (2-3). First semester.

Biochem. 207. Biochemical Preparation (1-4). Credit according to work done.

Biochem. 208. Chemistry and Metabolism of the Steroid Hormones (2-3).

MEDICINE

Professors Woodward (Head of Department), Carey, Fisher, Krause, Love, Peters, Robinson, Jr., Sacks, Van Buskirk; Associate Professors Andersch, Bubert, Cotter, Eastland, Gundry, Langeluttig, Lisansky, Marriott, S. Morrison, Mirick, Revell; Assistant Professors Beacham, Carrol, Chinard, Connor, Dickey, Ebeling, Fort, Jacobson, Karns, Leach, Legge, Legum, Muller, Parker, Reiter, L. Scherlis, S. Scherlis, Serra, S. Smith, Snyder, Spurling, Storey, Wiswell, Workman; and Staff.

Med. 102. Clinical Clerkship in Medicine. 3rd year.

This course consists of a clinical clerkship on the medical wards of the University Hospital for a period of 8 weeks. Students are responsible, under supervision, for the history, physical examination, laboratory examinations, and progress notes of assigned cases. They also attend ward rounds and conferences in general medicine with the Resident Staff, Attending Physicians, and Chief of Service. For an additional 8 weeks, students are assigned to the Baltimore City Hospitals for work in the General Medical Outpatient Department. They also serve as clinical clerks on the Chronic Disease Wards and attend ward rounds and teaching conferences in General Medicine, Tuberculosis, Neurology, and Radiology.

Med. 103. The Principles of Medicine. Third year. 16 hours.

This course consists of assignments in standard texts and current periodicals with approximately 8 examinations covering the specified material. Concurrently, lectures are given in General Medicine, Neurology, Clinical Medicine, and Medical Jurisprudence.

Med. 104. Advanced Clinical Clerkship in Medicine. Fourth year.

Clinical clerkship on the medical wards of University Hospital, Mercy Hospital, and the Fort Howard Veterans Administration Hospital for 4 weeks. An additional 4 week period is spent in the Medical Outpatient Department where instruction is given in General Medicine and the medical specialties. During this tour the senior student makes home visits on selected patients, participates in the workup of chronically ill patients at the Montebello Chronic Disease Hospital and attends consultative rounds in cardiology, infectious diseases, gastroenterology, radioisotopes, neurology, hematology, endocrinology, and pulmonary diseases on the wards of the University Hospital.

Summer Fellowships.

Students who have completed their Junior year are encouraged to seek additional training during the summer months preceding their Senior studies. This training may be obtained in one of several ways. A limited number of students are appointed to Clinical Clerkships on the Medical Wards of the University Hospital. In these positions, they are responsible, under supervision, for the history, physical examination, laboratory studies, and progress notes of assigned cases.

In addition, certain of the medical subspecialty divisions provide specialized training for students as Summer Fellows during the summer months. The applicant is encouraged to apply directly to the Division Head. These fellowships enable the student to become acquainted with the various specialized diagnostic and research techniques, the clinical problems, and therapeutic regimens peculiar to each of the medical subspecialties. Summer Fellowships are available in the following Divisions: Cardiology, Clinical Pathology (2 appointments), Dermatology (2 appointments), Endocrinology, Gastroenterology, Hypertension, Infectious Diseases (2 appointments), Legal Medicine, Neurology, and Radioisotopes (1 appointment). Interested applicants should contact the respective Division Head prior to January 1 of the year in which the fellowship is desired.

Postgraduate Fellowships.

These are available in the various specialties of medicine. For details see specific division.

The Department of Medicine, for administrative purposes, is divided into eleven Divisions. Each of these Divisions participates in the major courses taught by the Department. In addition, a number of specialized courses and postgraduate fellowships are offered by the Divisions.

DIVISION OF ARTHRITIS

Drs. Marriott (Head of Division), Furnari Kochman, and Staff.

Med. 105. Division Rounds. Third year. Elective.

Med. 105a. Outpatient Clinic. Fourth year. Elective.

Weekly arthritis outpatient clinics and attendance at weekly arthritis rounds.

DIVISION OF CARDIOLOGY

Drs. Love, Jr. (Head of Division), Leach, L. Scherlis, S. Scherlis, Swisher, Townshend, Van Lill, III, and Staff.

Physiol. 101. Principles of Physiology. First year.

Lectures and demonstrations in the Electrical Activity of the Heart in collaboration with the Department of Physiology.

ID. 3. Physical Diagnosis. Second year. Second semester.

The Division of Cardiology participates in presenting this course.

Med. 106. Electrocardiology. Third and Fourth years. 16 hours. Elective.

This is an introductory course consisting of illustrated group lectures and exercises.

Traineeships.

These are available to selected postgraduate applicants. The Trainee participates in the activities of the Division and receives a financial stipend. The traineeship begins July 1st of each year. Application is made through the Head of the Division and must be completed by October of the preceding year.

DIVISION OF CLINICAL PATHOLOGY

Drs. Sacks (Head of Division), Andersch, Spurling, A. Band, DeHoff, S. Miller, Funk, Hellen, Esmond, Rothfeld, and Staff.

Med. 101. Basic Clinical Pathology. Second year. 128 hours.

The course is designed to train the student in the performance and interpretation of the fundamental laboratory procedures used in clinical diagnosis. During the first semester the basic techniques of hematology as well as clinical aspects of blood diseases are taught. Blood group immunology in relation to transfusions is also covered. In the second semester the performance and interpretation of tests used in the diagnosis of renal, hepatic, gastric, pancreatic, and metabolic diseases are considered. A review, with clinical applications, of acid-base balance and electrolyte disturbances is included. Methods of examination of cerebrospinal fluid, transudates, and exudates are taught. Elements of clinical parasitology complete the work in this semester.

Each student provides his own microscope and blood counting equipment. A completely equipped locker is provided for each student.

Med. 102a. Advanced Clinical Pathology. Third year. 8 hours.

Seminar discussions of diagnostic laboratory procedures in selected diseases are given during the medicine quarter. Each student is assigned a completely equipped locker adjacent to the wards for use during the clinical clerkships. Microscope and blood counting equipment must be provided by the student.

Postgraduate Fellowships.

Two fulltime clinical and research fellowships in hematology are available to applicants who have had a minimum of one year internship. A financial stipend is provided. Application should be made to the Head of the Division.

DIVISION OF DERMATOLOGY

Drs. H. M. Robinson, Jr. (Head of Division), Ellis, Bereston, R. C. V. Robinson, Shapiro, Zeligman, Bundick, M. Cohen, Hollander, Bacharach, Strahan, Ludwig, and Staff.

Med. 107. Introduction to Dermatology. Third year.

Students are given assigned reading on the more common skin eruptions. Six two hour clinical sessions are held for each quarter of the Junior class. Individual instruction is given by one of the senior staff members emphasizing the pertinent aspects of differential diagnosis.

Med. 108. Practical Exercises in Dermatology. Fourth year.

Groups of twelve students spend twenty hours in the outpatient department where they are given individual instruction in the diagnosis and treatment of cutaneous lesions. Emphasis is laid on the relationship of various eruptions to systemic conditions. Instruction is given in mycologic technique. Six one hour lecture demonstrations are given to the entire Senior class, two of these are panel discussions with the senior members of the dermatology staff.

DIVISION OF GASTROENTEROLOGY

Drs. Ebeling (Head of Division), S. Morrison, Feldman, Morgan, Flynn, Hooper, and Kassel.

ID. 2. Introduction to Clinical Medicine. Second year.

The Division of Gastroenterology participates in the presentation of this course.

DIVISION OF HYPERTENSION

Drs. Revell, Jr. (Head of Division), Cowley, Borges, and Staff.

Med. 109. Conferences on Hypertension. Third year. Elective.

Conferences on pathological-physiology of hypertension, sites of action of antihypertensive drugs, methods of screening patients with hypertension, and choice of therapy in hypertensive patients.

Med. 110. Outpatient Clinic and Division Rounds. Fourth year. Elective.

Weekly clinics on patients with hypertension and attendance at weekly rounds.

DIVISION OF INFECTIOUS DISEASES

Drs. Parker (Head of Division), M. J. Snyder, McCrumb, Liu, and Staff.

Postgraduate Fellowships.

The Division sponsors a Fellow who receives instruction in laboratory techniques and clinical investigation. Fellows participate in all functions of the Division, including collaboration in investigative problems. A financial stipend is provided. Application is made through the Head of the Division.

DIVISION OF LEGAL MEDICINE

Drs. Fisher (Head of Division), Freimuth, Lovitt, Jr., Guerin, Lindenberg, and Staff.

Med. 111. Practical Aspects of Medical Practice. Fourth year. 7 hours.

The Division arranges a series of lectures covering medical ethics, economics, record keeping, residency training opportunities, and some considerations about starting in private practice. An attempt is made in this series to stress those features which will be immediately useful business-wise to the young physician.

For Graduates

The Division of Legal Medicine offers courses leading to the degrees of Master of Science and Doctor of Philosophy in Toxicology.

Leg. Med. 201. Legal Medicine (1). One hour of lecture for twelve weeks, 4 hours assigned reading, first semester.

Leg. Med. 202. Toxicology (10). Two hours lecture, 8 laboratory hours per week for 1 year.

Leg. Med. 203. Gross Pathologic Anatomy as Related to Toxicology (2). Two hours per week for one year.

Leg. Med. 204. Research in Toxicology leading to preparation of a Thesis for the M.S. (6). Minimum credits, six.

Leg. Med. 205. Research in Toxicology leading to preparation of a Thesis for the Ph.D. (30).

Postgraduate Fellowships.

A limited number of physicians with a minimum of one year of training in pathologic anatomy are appointed as Research Fellows for training and research in medicolegal pathology. This training is approved by the American Board of Pathology towards the requirements for admission to the examinations in pathologic anatomy.

DIVISION OF NEUROLOGY

Drs. Van Buskirk (Head of Division), Lerner, Merrill, Teitelbaum, Cotter, Fearing, Lombardo, and Staff.

Med. 112. Introduction to Clinical Neurology. Second year. 15 hours.

Lectures in neurologic diagnosis are presented, stressing correlation of anatomy and physiology of the nervous system with clinical neurology.

ID. 3. Physical Diagnosis. Second year. Second semester.

The Division participates in presenting this course.

DIVISION OF PHYSICAL DIAGNOSIS

Drs. Marriott (Head of Division), Beacham, Legum, Reiter, Borges, Helfrich, Van Lill, III, Wilson, Keown, Sherrill, Anderson, Esmond, Friedman, and Stockard.

ID. 2. Introduction to Clinical Medicine. Second year.

The Division participates in presenting this course.

ID. 3. Physical Diagnosis. Second year. Second semester. 32 hours.

This course implements ID. 2 and provides the student with bedside instruction in

physical diagnosis. Small tutorial groups are formed each under the direction of an instructor. In the first five weeks, experience in physical examination of normal individuals is given one afternoon weekly. During the subsequent twelve weeks, students become acquainted with abnormal signs through examination of hospitalized patients. For the first five of these twelve weeks, the Division of Cardiology gives instruction in the physical examination of the heart. Thereafter, sections are assigned in rotation to the Division of Neurology and the Department of Pediatrics for instruction in these specialties.

DIVISION OF RADIOACTIVE ISOTOPES

Drs. Workman (Acting Head of Division), Dennis, and Staff.

Physiol. 101. Principles of Physiology. First year.

In cooperation with the Department of Physiology, two orientation lectures on Radioisotopes in Medicine are presented and 8 laboratory sessions of 4 hours each are devoted to the demonstration of radioisotope techniques in the study of thyroid function and estimation of blood volume.

Med. 113. Isotope Clinic. Fourth year. Elective.

Postgraduate Fellowships.

One postgraduate fellowship is available. Applications are made to the Division Head.

MICROBIOLOGY

Professor Wisseman (Head of Department); Associate Professor Steers;

Assistant Professors A. G. Smith, M. J. Snyder, Sweet; and Staff.

Microbiol. 101. Medical Microbiology and Immunology. Second year. First semester. 180 hours.

This course is intended to supply the basic information on microbial agents and immunologic mechanisms necessary to understand infectious diseases, public health, and diseases of immunologic origin. Properties of microorganisms are considered in relation to pathogenesis of infections, mechanisms of tissue damage, and host defense mechanisms. Bacterial, fungal, viral, and rickettsial agents are studied in both lecture and laboratory.

For Graduates

The Department of Microbiology offers the degree of Doctor of Philosophy. While the degree of Master of Science may be offered in special instances, priority for research facilities will be given aspirants to the Ph.D. degree.

Microbiol. 201. Medical Microbiology and Immunology (8). This course is built upon Microbiol. 101 by the addition of advanced supplementary reading and laboratory exercises. Laboratory fee, \$10.00.

Microbiol. 203. Bacterial Physiology (3). Three lectures per week, but no laboratory, first semester.

Microbiol. 204. Research. Maximum credits, 12 hours per semester.

Microbiol. 205. Genetics of Microorganisms (1). One lecture per week, second semester.

Microbiol. 206, 207. Seminar (1,1). One session per week, first and second semesters.

Microbiol. 208. Medical Mycology (2). One lecture and one laboratory per week, second semester. Laboratory fee, \$10.00. Registration by consent of instructor.

OBSTETRICS AND GYNECOLOGY

Professors Haskins (Head of Department), Kaltreider; Associate Professors Cornbrooks, Reese, Siegel; Assistant Professors Brady, Compton, Diehl, Diggs, McNally, Molumphy, Morris, Savage, E. P. Smith; and Staff.

Ob-Gyn. 101. Clinical Clerkship in Obstetrics and Gynecology. Third year.

Students are assigned to Obstetrics and Gynecology for a period of four weeks. As clinical clerks, they participate in the original diagnostic studies, delivery, and pelvic surgical procedures of allocated hospitalized patients. Postoperative and postpartum observations are also made.

Daily rounds and departmental conferences with House Officers and Attending Staff aid the student in the interpretation and correlation of his observations and the various therapeutic regimens. Specific allotments of time are made for instruction in Pathology and Basic Science as it relates to Obstetrics and Gynecology. Manikin instruction is provided. Thirty gynecologic lectures are given throughout the school year to the entire class.

Ob-Gyn. 102. Advanced Clinical Clerkship in Obstetrics and Gynecology. Fourth year.

Students are assigned to Obstetrics and Gynecology for a period of four weeks. Small groups of students attend Baltimore City Hospitals for two weeks, in rotation. Participation in deliveries, and prepartum and postpartum care are accomplished on a high level of individual student responsibility. Rounds and other organized instruction complete the obstetrical assignment of the student.

During the remaining two weeks, the student is assigned to the University Hospital Outpatient Department. Instruction is oriented toward obstetric and gynecologic office procedures. As a clinical clerk, the student examines obstetric and gynecologic patients and follows them. He attends the several specialty clinics, where specific instruction in endocrinology, female sterility, and gynecologic cancer is given.

OPHTHALMOLOGY

Associates Brumback, Kemler, Kremen, and R. A. Smith; Instructors Cross and H. B. Wilson; Assistant Ozazewski.

Ophthal. 101. Introduction to Ophthalmology. Third year. 20 hours.

The anatomy and physiology of the eye are reviewed and methods used in making various ophthalmologic examinations are discussed. Weekly section work, demonstrating the use of the ophthalmoscope, with the aid of kodachrome transparencies of the fundus oculi is carried on during the entire session at the Baltimore Eye, Ear, and Throat Hospital.

Ophthal. 102. Ophthalmology Clinic. Fourth year.

Clinics and demonstrations in diseases of the eye.

PATHOLOGY

Professor Spencer (Head of Department); Associate Professors Merkel, Reimann, Wagner, Weinberg, Wright; Assistant Professor A. Goldstein; and Staff.

Path. 101. General Pathology. Second year. Second semester. 208 hours.

This course includes the study of the basic principles of pathology with their application to the various organs and systems of the body. Laboratory instruction is based on the study of prepared slides (loan collection) and fresh and preserved gross material. Kodachrome slides are also utilized.

Path. 102. Correlative Pathology. Third year. 72 hours.

The class is divided into groups and instruction is carried out in sectional laboratories where prepared specimens, complete cases including clinical histories, sections, and appropriate Kodachrome slides are available for study. The course is integrated so that while the student is assigned to one or another of the clinical divisions he studies corresponding diseases in the laboratory. Correlation is stressed.

Path. 103. Autopsies. Third year.

Small groups of students are required to attend autopsies conducted in the University Hospital. The student participates in discussions and prepares proper protocols.

Path. 104. Clinical Pathologic Conferences. Third and Fourth years. 36 hours.

The exercises are held in collaboration with the various clinical departments. Histories are presented, differential diagnoses are discussed, and the clinical course is correlated with the autopsy findings.

PEDIATRICS

Professors Bradley (Head of Department), Joslin; Associate Professors Bessman, Finkelstein, F. B. Smith; Assistant Professors Baldwin, Besterbeurtje, Fineman, Glaser, Glick, Seabold, Wells, Howell, Mansdorfer, S. Scherlis, Spragins; and Staff.

Ped. 101. Inpatient Clerkship. Third year.

Students are assigned as clinical clerks for a period of four weeks to the pediatric wards of the University and Mercy Hospitals. They are responsible for patient care and work with house staff and instructors in planning the workup and treatment of assigned patients. Ward rounds are attended three times weekly. The students are assigned tutors who meet with their students three times weekly.

Daily conferences with frequent guest speakers are held covering x-ray diagnosis, cardiology, journal review, chart conferences, neo-natal mortality, case discussions and metabolic diseases. Discussions cover concepts of the premature and neonate, therapeutic management of pediatric patients, nutritional aspects, and disturbances of the genitourinary tract.

Ped. 102. Outpatient Department Clerkship. Fourth year.

Students assigned to pediatrics as clinical clerks for a period of four weeks work in the Pediatric Outpatient Department of the University Hospital. All patients seen by the student are reviewed by an instructor of the pediatric staff. Daily conferences covering a wide range of pertinent pediatric topics are held from 9:30 to 10:30 a.m. Students are assigned to the Development, Seizure, Pediatric Hematology, Cardiology, and Child Guidance Clinics. Senior students are responsible for physical examinations of all neonates. Field trips to various community agencies are offered to selected students. Students are afforded the opportunity of spending one day each week with practicing pediatricians of the community. Ward rounds for senior students are held twice weekly in the University Hospital. Senior students attend the departmental noon conferences.

Ped. 103. Laboratory Research Problems in Pediatrics. Second year. Elective (two students per year).

Students will be required to set up simple laboratory procedures to be used by them

In the study of a clinical problem. Problems will be selected of such limited scope that a fairly complete project can be done by two students cooperating in their elective time over a period of one year. Emphasis will be made on the accuracy and reliability of standard techniques, as applied to the detailed analysis of a clinical problem. Interested students should apply to Dr. Bessman.

PHARMACOLOGY

Professor Krantz (Head of Department); Associate Professor Truitt; Assistant Professor Burgison; and Staff.

Pharmacol. 101. General Pharmacology. Second year. 216 hours.

This course is designed to include those phases of pharmacology necessary for an intelligent use of drugs in the treatment of disease. The didactic instruction includes materia medica, pharmacy, prescription writing, toxicology, dosology, pharmacodynamics and experimental therapeutics. The laboratory exercises parallel the course of lecture.

In addition, optional conference periods and lectures are available for students desiring further instruction or advice.

For Graduates

All students majoring in the Department of Pharmacology with a view to obtaining the degree of Master of Science or Doctor of Philosophy should secure special training in anatomy, mammalian physiology, organic chemistry and physical chemistry.

Pharmacol. 201, f.s., General Pharmacology (8). Same as 101, for student majoring in pharmacology. Additional instruction and collateral reading are required. Laboratory fee, \$20.00.

Pharmacol. 205. Research. Maximum credits, 12. Credit in accordance with the amount of work accomplished.

Pharmacol. 206. Pharmacologic Methods. Maximum credits, 4. Credit in accordance with the work accomplished.

Pharmacol. 207, 208. Chemical Aspects of Pharmacodynamics (2-2).

PHYSIOLOGY

Professors Amberson (Head of Department), Ferguson, D. C. Smith; Assistant Professors Fox, Gold, J. I. White; and Staff.

Physiol. 101. Principles of Physiology. First year. Second semester. 22 hours.

The lectures cover the major fields of physiology, including the following areas: central and peripheral nervous systems, neuro-muscular apparatus, heart and circulation, respiration, kidney and body fluids, gastrointestinal tract, endocrines, and reproduction. The laboratory includes experiments with frog and turtle heart and nerve-muscle preparations, mammalian operative work, and observations on the human subject.

For Graduates

The Department of Physiology prefers to accept students who have already had some graduate training elsewhere. Before admission to candidacy for the

Doctor of Philosophy degree the Department gives a qualifying examination, both oral and written, which must be satisfactorily passed.

In the usual case a student majoring in Physiology will be expected to take Physiol. 101 and 102 before, or concurrently with, courses 201 to 206 below. Such a student will extend his major program by taking courses in other departments of this University, and by enrolling in the summer course in physiology at the Marine Biological Laboratory, Woods Hole, Massachusetts.

Physiol. 201. Experimental Mammalian Physiology. Time and credit by arrangement.

Physiol. 202. Blood and Tissue Proteins (2). Two lectures a week, for 15 weeks.

Physiol. 203. Physiology of Reproduction (2). Two hours a week, lectures, conferences and seminars, for 15 weeks.

Physiol. 204. Physiological Techniques. Time and credit by arrangement.

Physiol. 205. Physiology of Kidney and Body Fluids (2). Two hours a week, lectures, seminars, and conferences, for 15 weeks.

Physiol. 206. Seminar. Credit according to work done.

Physiol. 207. Research. By arrangement with the head of the department.

PREVENTIVE MEDICINE AND REHABILITATION

Professors Pincoffs (Head of Department) and H. Williams; Associate Professors Mahoney and Warthen; Assistant Professors Dowling, Farber, and Tayback; and Staff.

Prev. Med. 101. Biostatistics. First year. Second semester. 15 hours.

This series of lectures illustrates the basic methods of statistical analysis and demonstrates their use in several areas of clinical investigation.

Prev. Med. 102. Epidemiology. Second year. 18 hours.

The epidemiology and control of certain types of communicable disease are considered in a series of lectures.

Prev. Med. 103. Applied Preventive Medicine and Rehabilitation I. Third year. 38 hours.

This course consists of three parts. Major disease control programs, community medical resources, and medical care programs are considered during eighteen hours of lectures. Students also participate in the work of the Medical Care Clinic for the population on public assistance and make home visits on selected patients. In addition, students also make field trips with Public Health Nurses and sanitary inspectors.

Prev. Med. 104. Applied Preventive Medicine and Rehabilitation II. Fourth year. 16 hours.

Conference on Home Survey Reports. Each student in his third year has been assigned a patient of the Medical Care Clinic whom he follows by visits to the home. He reports his observations at a small group conference organized jointly by the Departments of Preventive Medicine and Psychiatry. Consideration is given to the family inter-relations, the economic situation, the dietary habits, the sanitation, and the physical characteristics of the home as they influence the patient's illness.

Disposition Conference. Students present patients whose disabilities offer problems concerned with the provision of suitable care following discharge. An appraisal of the home and family has been made by a student visit prior to the conference. On the basis of the medical needs, the patient's ability to cooperate, and the available home and community resources, a realistic recommendation for disposition is made to the Department concerned.

PSYCHIATRY

Professors Finesinger (Head of Department), Reid; Associate Professors Grenell, M. Guttmacher, Sutherland, I. Young; Assistant Professors R. Band, Berblinger, Callaway, Jaffe, Libo, Murdock, Pope, Tuerk; and Staff.

Psy. 101. Introduction to Psychiatry. First year. 80 hours.

This course is devoted to a consideration of human relations as applied to the practice of medicine. The topics dealt with include personality development, reactions to stress, and situational and social factors in disease. The emphasis is upon observing, understanding, and evaluating the personal and social factors in the disease process, in treatment, and in prevention. Consideration is given to problems of values and scientific methodology as they apply to the work of the physician. Patients with common medical and surgical complaints are interviewed to illustrate methods of interviewing and developing a useful therapeutic relationship. The course is conducted by means of group discussion, supplemented by reading.

Psy. 102. Psychopathology. Second year. 48 hours.

Emphasis is placed on methods of examining patients, and methods of developing and utilizing the doctor-patient relationship. The discussions center about psychopathology, as it operates in disease and in the treatment process. An attempt is made to relate emotional disturbances to what is known in neurophysiology, endocrinology, psychology, and sociology. Patients are interviewed and examined to illustrate the general principles and the specific procedures used in the examination of patients. The group discussions are supplemented by suggested reading.

Psy. 103. Psychiatric Clinical Clerkship. Third year. 80 hours.

Students in groups of 6 are assigned for a two-week period as clinical clerks at Spring Grove or Springfield State Hospitals. Emphasis is placed on the diagnosis and treatment of psychiatric disorders. Students are assigned patients on the admission services of the hospitals and assume responsibility for the histories, the mental status, and other examinations. Most of the student's time is spent with patients. During the day he examines and studies his own patient. During the evenings he works on the wards learning methods of managing and treating disturbed patients.

Psy. 104. Advanced Psychiatric Clinical Clerkship. Fourth year. 110 hours.

A clinical clerkship is offered in the wards of the University Hospital for one month. Patients are assigned for treatment under supervision. Emphasis is placed on diagnosis, methods of interviewing, methods of developing and managing a therapeutic doctor-patient relationship, and carrying out psychotherapy. Two afternoons each week are spent treating patients under supervision in the Comprehensive Clinic. This is supplemented by seminar meetings for discussion of child psychiatry, psychotherapy, clinical psychology and social service, and court problems. Topics are assigned from the current literature for group discussion. During the year each student works two weeks on the in-patient halls from 6:00 p.m. to 10 p.m., observing and working with disturbed patients.

RADIOLOGY

Professors Dennis (Head of Department), Davidson; Associate Professor Bloedorn; Assistant Professors Boudreau, Dana, DeCarlo; and Staff,

Rad. 101. Radiologic Anatomy. First year. First semester. 12 hours.

A correlated course is given in conjunction with the Department of Anatomy. This course consists of nine lecture-demonstrations devoted to the skull, chest, gastrointestinal tract, genitourinary tract, the spine, and joints. Not only is the normal anatomy shown, but the radiologic aspects of a few pathologic processes are also shown for emphasis and correlation.

Rad. 102. Radiologic Physiology. First year. Second semester. 3 hours.

In conjunction with the Department of Physiology, students, in groups of four, spend one afternoon in the Department of Radiology where they observe fluoroscopically respiratory and gastrointestinal physiology. An introduction is also given to the use of contrast material, as it is used in radiology, to demonstrate the function and structure of various portions of the human body.

Rad. 103. Pathologic Correlation. Second year. 4 hours.

Lecture-demonstrations are given in conjunction with the Department of Pathology for correlation between gross pathology and the roentgenologic manifestations of various disease states, e.g. abnormal calcium metabolism, pulmonary diseases, bone tumors, and tissue reaction to radiant energy.

Rad. 104. Radiologic Orientation I. Third year. 28 hours.

A series of lecture-demonstrations are given to small groups of students at the Baltimore City Hospitals, Mercy Hospital, and the University Hospital. An attempt is made to cover the roentgen studies of all systems of the body with demonstrations of the more common lesions encountered in each system. At Baltimore City Hospitals, twelve lecture-demonstrations are given on the chest, the genitourinary tract, and metabolic bone diseases, while at Mercy Hospital three hours are devoted to the arthrides and bone tumors. At the University Hospital, additional lecture-demonstrations are devoted to the lungs, gastrointestinal tract, heart, and skull.

Rad. 105. Radiologic Orientation II. Fourth year. 30 hours.

Students, in groups of three, are assigned part-time to the Department of Radiology for a period of one week. One morning is spent making rounds in the radiotherapy division. The other mornings are spent in the reading rooms with the staff radiologist and in the fluoroscopy rooms observing chest and gastrointestinal studies. In the afternoons, a group of teaching films, illustrating common congenital anomalies and pathologic lesions, are available for study.

Beside the organized lecture-demonstrations in radiology, Junior and Senior students attend the radiologic conferences held jointly with the Departments of Pediatrics and Surgery and the Neurosurgery and Urology Divisions.

SURGERY

Professors Buxton (Head of Department), Arnold, Brantigan, C. R. Edwards, Hull, Kitlowski, O'Rourke, Pessagno, Rodgers, Voshell, Yeager, and Young; Associate Professors Fox, Garlick, Kayser, Kyper, Rich, Ullrich, and Walker; Assistant Professors T. R. Adams, Bongardt, Bowie, Brager, Cowley, Gillis, Govatos, Haines, Isaacs, Mays, J. P. Miller, Schwartz, Siwinski, Thompson, Wilder, and Staff.

Surg. 101. Principles of Surgery. Third year. 48 hours.

Three one hour periods are devoted each week to a discussion of fundamental surgical problems and a systematic description of general surgical disease. These discussions are designed as introductions to and preparation for detailed reading in standard textbooks and monographs in surgery and in current periodicals.

Surg. 101a. Surgical Specialty Lectures. Third year. 48 hours.

This is a continuation of Surg. 101, wherein the surgical discussions center around the problems of Otorhinolaryngology, Thoracic Surgery, Neurosurgery, Orthopedic Surgery, and Urologic Surgery.

Surg. 103. Outpatient Clerkship in Surgery. Third year. 286 hours.

One-fourth of the third year class is assigned to the Department of Surgery each quarter of the school year. Students are assigned to the Outpatient Department for the examination and supervised care of patients in the General Surgical, Orthopedic, Urologic, Neurosurgical, Thoracic Surgical, and ENT Clinics. One-third of this quarter is spent at Mercy Hospital. Seminars are conducted in Surgical Pathology and upon the effects of Trauma. Students are assigned in rotation as clinical clerks at night in the Emergency Room.

Summer Fellowships.

Three fellowships are available each summer for a period of 10 weeks in the Surgical Research Laboratory. Both sophomore and junior students are eligible and may elect to spend their fellowship in neurosurgery, thoracic, or general surgery. Investigative problems related to these services will be undertaken under the guidance of members of the Surgical Staff in these specialties.

DIVISION OF GENERAL SURGERY

Drs. Buxton, C. R. Edwards, Yeager, Hull, Pessagno, Adams, Bowie, Govatos, Siwinski, Bongardt, Brager, and Staff.

Surg. 103a.

This is the student's introduction to an office-type surgical practice in that he undertakes the supervised care of patients in the Surgical Dispensary. General discussion related to problems presented by these patients are given by the Surgical Staff. The introduction to specific surgical technics in examination and treatment of patients is undertaken. This course is given at both University and Mercy Hospitals. Audio-visual instruction is given weekly. Students are assigned to the Emergency Room during this period.

Surg. 104a.

Senior students are assigned to patients on the surgical wards in the University Hospital. They are responsible for the physical examination, history and certain laboratory tests as required by the patient's disease.

DIVISION OF NEUROSURGERY

Drs. Arnold, Thompson, and Staff.

Surg. 103b.

Junior students are assigned to this division for instruction in the care of patients in the Outpatient Department. Part of a day each week is devoted to Pediatric Neurosurgery. Instruction in Neurosurgery is done at the University Hospital only.

Surg. 104b.

Senior students are assigned to all patients on Neurosurgery as they are admitted. Weekly conferences in patient care and x-ray diagnosis are held. Daily ward rounds are made. Some introduction is given to office practice of neurosurgery by frequent contact with the neurosurgical problems seen in a physician's office.

DIVISION OF ORTHOPEDIC SURGERY

Drs. Voshell, Rodgers, Ullrich, J. P. Miller, Wilder, and Staff.

Surg. 103c.

Junior students are assigned to this division in the Outpatient Department at University and Mercy Hospitals. Patients are seen for diagnosis and postoperative care. Instruction is given in the application of plaster casts and in the ambulatory management of orthopedic problems. Occasion is given to instruction in the Physical Therapy of patients with orthopedic disease.

Surg. 104c.

Senior students are assigned patients both on the surgical wards and in the Emergency Room. They participate in the care of these patients, and are given instruction in the application of traction and plaster casts. Frequent ward rounds are held at the Kernan's Hospital for Crippled Children.

DIVISION OF UROLOGICAL SURGERY

Drs. J. D. Young, Mays, Gillis, Haines, and Staff.

Surg. 103d.

Instruction is given to Junior students in this division in the diagnosis of urologic disease of both men and women. The general aspects of instrumentation are discussed and the roentgenologic evidence of urologic disease is emphasized.

Surg. 104d.

Students are assigned patients in the University Hospital wards. Further instruction is given in diagnosis and instrumentation of these patients and in the x-ray diagnosis of urologic disease.

DIVISION OF OTOLARYNGOLOGY

Drs. O'Rourke, Fox, Kyper, Rich, Kayser, Isaacs, Schwartz, and staff.

Surg. 103e.

Junior students are given a chance to examine the ears, nose and throat of patients in the Outpatient Department. Instruction is given in hearing deficits and in the management of ambulatory patients with minimal otolaryngological disease.

Surg. 104e.

Senior students are assigned patients as they are admitted to this service, and weekly ward rounds are held.

DIVISION OF THORACIC SURGERY

Dr. R. A. Cowley and Staff.

Surg. 103f.

Instruction is given Junior students in this division in the diagnosis of surgical thoracic disease, and in the observation of patients in their postoperative course.

Surg. 104f.

Senior students participate in the care of these patients on the hospital wards and operating rooms. Instruction in diagnostic bronchoscopy. Ward rounds and x-ray conferences are used in the instruction of the students.

MEDICAL LIBRARY

HOWARD ROVELSTAD, A.B., M.A., B.S.L.S.....Director of Libraries and Professor
of Library Science

IDA MARIAN ROBINSON, A.B., B.S.L.S.....Librarian and Associate Professor
of Library Science

HILHA E. MOORE, A.B., A.B.L.S.....Associate Librarian

FLORENCE R. KIRK.....Reference Librarian

HARRIETTE W. SHELTON, A.B., B.S.L.S.....Chief Cataloguer

ALICE M. MELVIN, A.B.....Cataloguer

EDITH M. COYLE, A.B., A.B.L.S., M.A.....Serials Librarian

ELIZABETH E. MCCOACH.....Assistant to the Librarian

ART AS APPLIED TO MEDICINE

CARL DAME CLARKE.....Associate Professor of Art as Applied to Medicine

THOMAS M. STEVENSON, JR.....Instructor in Art as Applied to Medicine

FREDERICK E. FAHDT.....Assistant in Art as Applied to Medicine

GARNET E. AFFLECK, JR.....Assistant in Art as Applied to Medicine

This department is maintained for the purpose of supplying pictorial and plastic illustrations for visual teaching in the classrooms of the medical school and for publication in scientific periodicals. This also includes the preparation of illustrations for use in public relations, drawings, paintings, photography, cinematography, lithography and moulage. Research in prosthetics and the production of prosthetic appliances are also carried out in this department.

Special courses of instruction are given to qualified students.

POSTGRADUATE COURSES

COMMITTEE ON POSTGRADUATE STUDIES

HOWARD M. BUBERT, *Chairman and Director*

DIETRICH C. SMITH, *First Vice-Chairman*

LOUIS A. M. KRAUSE, *Second Vice-Chairman*

ELIZABETH B. CARROLL, *Executive Secretary*

Clifford G. Blich

Frank H. J. Figge

Harry M. Robinson, Jr.

J. Edmund Bradley

Arthur L. Haskins

William H. Triplett

Otto C. Brantigan

John C. Krantz, Jr.

Allen F. Voshell

William K. Diehl

J. Morris Reese

John A. Wagner

WILLIAM S. STONE, *Dean, Ex-Officio*

A postgraduate course, arranged to interest the Generalist, will be given for the Delaware Academy of General Practice at Wilmington on Wednesday afternoons from one o'clock until four beginning in September and continuing for ten weeks. Further details are not available as this publication goes to press.

Industrial Medicine will be the subject of a postgraduate course to be given during the 1956-57 academic year. However, as this catalog goes to press, no further data on the course is available.

The weekly television presentation "TV-MD" which went off the air on April 29, 1956 for a summer hiatus will be resumed in September. Appropriate recognition of the 150th anniversary of the School of Medicine will be given during this the sesquicentennial year while we continue to strive to bring to our viewers programs not only of great interest and educational value, but of practical aid and helpful advice, particularly in the field of health.

The following intramural postgraduate courses will be given:

ANATOMY:

General Anatomy. Designed to prepare candidates for the examination of the American Board of General Surgery and Surgical Specialties. There is no strict rule governing either the content or duration of the course. Students may dissect a complete cadaver or any particular region in which they may be interested. Tuition is arranged according to registration, content and duration.

Anatomy of the Head and Neck as applied to the eye, ear, nose and throat. Duration 150 hours, beginning on October 1 and ending approximately February 28, comprising two periods of 4 hours per week. Tuition is \$150.00. Details as to the time of the individual periods will be arranged with candidates who wish to take the course.

Surgical Anatomy. Designed to prepare candidates for the examination in Anatomy of the American Board of Surgery. This is a ninety-hour course (3 hours a day, 2 days a week) given in conjunction with the regular sophomore medical course in surgical anatomy. Tuition is \$150.00.

PATHOLOGY

Neuropathology. Designed to aid in meeting the requirements of the specialty boards in neurological sciences, and covers basic studies in diseases of the central nervous system. Duration is six months, full time. Tuition is \$200.00 plus \$10.00 laboratory fee.

GYNECOLOGY

Gynecology, Oncology and Femal Urology. This is a REVIEW, designed primarily for the general practitioner. Students attend lectures, ward rounds, and clinics and OBSERVE operations. Full time for ten weeks. Tuition is \$125.00.

GYNECOLOGY AND OBSTETRICS

Gynecology and Obstetrics. This is a REVIEW, designed for the general practitioner. Students attend lectures, ward rounds and clinics, and OBSERVE operations and deliveries. Full time for twelve weeks. Tuition is \$150.00.

BASIC SCIENCES

Basic Sciences as they apply to the practice of medicine. Designed to familiarize students with the advances in basic sciences during recent years. The course con-

sists of 32 periods of 2 hours each, once a week between October and June. Tuition is \$50.00.

Full descriptions of these courses are available. Inquiries should be addressed to the Postgraduate Committee, University of Maryland School of Medicine, Baltimore 1, Maryland.

LECTURERS IN POSTGRADUATE MEDICINE

Thurston R. Adams	Frank H. J. Figge	Herbert E. Reifschneider
Marie A. Andersch	Jacob E. Finesinger	Dexter L. Reimann
James G. Arnold, Jr.	A. H. Finkelstein	Harry M. Robinson, Jr.
Francis Borges	Russel S. Fisher	Harry M. Robinson, Sr.
Harry C. Bowie	Albert E. Goldstein	Raymond C. V. Robinson
J. Edmund Bradley	Maurice Greenhill	Milton S. Sacks
Otto C. Brantigan	Lewis P. Gundry	John E. Savage
George H. Brouillet	Nathan B. Herman	Leonard Scherlis
Howard M. Bubert	Harry C. Hull	Sidney Scherlis
Raymond M. Burgison	J. Mason Hundley, Jr.	Emil G. Schmidt
T. Nelson Carey	D. Frank Kaltreider	William B. Settle
Robert Chenoweth	Theodore Kardash	Dietrich C. Smith
Ernest I. Cornbrooks, Jr.	Vernon E. Krahrl	Merill Snyder
Edward F. Cotter	John C. Krantz, Jr.	Hugh R. Spencer
R. Adams Cowley	L. A. M. Krause	Melchijah Spragins
Richard J. Cross, Jr.	Arnold F. Lavenstein	Edwin H. Stewart, Jr.
John DeCarlo, Jr.	C. Edward Leach	W. Houston Toulson
John M. Dennis	Ephraim T. Lisansky	Henry F. Ullrich
Francis G. Dickey	William S. Love, Jr.	Allen Fiske Voshell
William K. Diehl	Wm. V. Lovitt, Jr.	John A. Wagner
Everett S. Diggs	Hugh B. McNally	Wallace Walker
D. McClelland Dixon	Howard B. Mays	Milton J. Wilder
Louis H. Douglass	Samuel Morrison	Walter D. Wise
J. Sheldon Eastland	H. Whitman Newell	Henry L. Wollenweber
W. Carl Eberling, III	Robert H. Oster	Theodore E. Woodward
Charles Reid Edwards	Frank J. Otenasek	Joseph B. Workman
Monte Edwards	Ross Z. Pierpont	Robert B. Wright
William L. Fearing	Maurice C. Pincoffs	George H. Yeager
Frederick P. Ferguson	J. Morris Reese	

TENTATIVE

FIRST YEAR SCHEDULE

First Semester, September 20, 1956 to January 26, 1957

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 10:00	Histology and Embryology		1st 3 lectures Orientation 9:00-9:50 A.H.			Man and His Environment C.H. 9:00-10:50
10:00 to 11:00	Neuro-Anatomy	Neuro-Anatomy		Neuro-Anatomy	Histology and Embryology	
11:00 to 12:00	B2 Lab.	B2 Lab.	Histology and Embryology 9:00-12:00 B2 Lab.	B2 Lab.	B2 Lab.	
12:00 to 1:00			Lunch			Psychiatry Room 171 P.H. 11:15-1:00
1:00 to 2:00	Gross Anatomy Lecture A.H.	Gross Anatomy Conference A.H.		Gross Anatomy Lecture A.H.	Gross Anatomy Conference A.H.	
2:00 to 3:00	Gross Anatomy Lab. B1 Lab.	Gross Anatomy Lab. B1 Lab. Neuro-Anatomy	FREE	Gross Anatomy Lab. B1 Lab. Neuro-Anatomy	Gross Anatomy Lab. B1 Lab.	

A.H.—Anatomical Hall, Upper Hall, 522 West Lombard St.
 B1—1st floor, Bressler Bldg.—Laboratory—29 S. Greene St.
 B2—2nd floor, Bressler Bldg.—Laboratory—29 S. Greene St.
 C.H.—Chemical Hall, Lower Hall, 522 West Lombard St.
 P.H.—Psychiatric Institute, 643 Redwood St.

TENTATIVE FIRST YEAR SCHEDULE Second Semester, January 28 to June 8, 1957

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 9:50	Biochem. Lect. <i>Adm. I</i>	Biochem. Lect. <i>Adm. I</i>	Biochem. Lect. <i>Adm. I</i>	Biochem. Lect. <i>Adm. I</i>	Biochem. Lect. <i>Adm. I</i>	Man and His Environment <i>C.H.</i> 9:00 - 10:50
10:00 to 10:50	Physiol. Lect. <i>B2</i>	Physiol. Lect. <i>B2</i>	Physiol. Lect. <i>B2</i>	Physiol. Lect. <i>B2</i>	Physiol. Lect. <i>B2</i>	
11:00 to 11:50	Physiol. Conf. <i>B2</i>	Biochem. Conf. <i>Adm. I</i>	Physiol. Conf. <i>B2</i>	Biochem. Conf. <i>Adm. I</i>	Biostatistics <i>C.H.</i>	Psychiatry Room 171 <i>P.I.</i> 11:15 - 1:00
12:00 to 1:00	Lunch					
1:00 to 5:00	Sect. A Physiol. Lab. B4 Lab. 1:00 - 5:00 Sect. B Biochem. 3rd floor 31 S. Greene St. 1:00 - 4:00 Psychiatry Room 169 <i>P. I.</i> 4:00 - 5:00	Sect. B Physiol. Lab. B4 Lab. 1:00 - 5:00 Sect. A Biochem. 3rd floor 31 S. Greene St. 1:00 - 4:00 Psychiatry Room 171 <i>P.I.</i> 4:00 - 5:00	FREE	Sect. A Physiol. Lab. B4 Lab. 1:00 - 5:00 Sect. B Biochem. 3rd floor 31 S. Greene St. 1:00 - 4:00 Psychiatry Room 171 <i>P.I.</i> 4:00 - 5:00	Sect. B Physiol. Lab. B4 Lab. 1:00 - 5:00 Sect. A Biochem. 3rd floor 31 S. Greene St. 1:00 - 4:00 Psychiatry Room 171 <i>P.I.</i> 4:00 - 5:00	

Adm. I—1st floor, Administration Bldg.—Lecture Hall—520 W. Lombard St.

B2—2nd floor, Bressler Bldg.—Lecture Hall—29 S. Greene St.

B4—4th floor, Bressler Bldg.—Laboratory—29 S. Greene St.

C. H.—Chemical Hall, Lower Hall—522 W. Lombard St.

P. I.—Psychiatric Institute, 643 Redwood St.

TENTATIVE

SECOND YEAR SCHEDULE

First Semester, September 20, 1956 to January 26, 1957

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 10:00	Microbiol. 101 Lect. B2	Microbiol. 101 Lect. B2	Microbiol. 101 Lect. B2	Microbiol. 101 Lect. B2	Pathology Lect. B2	Pathology Lect. B2
10:00 to 11:00	Microbiol. 101 Lab. 2nd floor 31 S. Greene Street	Microbiol. 101 Lab. 2nd floor 31 S. Greene Street	Microbiol. 101 Lab. 2nd floor 31 S. Greene Street	Microbiol. 101 Lab. 2nd floor 31 S. Greene Street	Pharmacol. 101 Lect. B2	Intro. to Clin. Med. 110, 2. Room 171 P. 1. 10:00 to 12:00
11:00 to 12:00					Psychiatry 102 Room 171 P.1. 11:00 to 12:30	
12:00 to 1:00	Lunch	Lunch	Lunch	Lunch	Lunch 12:30 to 2:00	
1:00 to 2:00	Pathology Lect. B2	Clin. Path. Lect. B2	Pathology Lect. B2	Pharmacol. 101 Lect. B2		
2:00 to 5:00	Pathology Lab. 1st floor 31 S. Greene Street	Clin. Path. Lab. B5	Pathology Lab. 1st floor 31 S. Greene Street	Pharmacol. 101 Laboratory B3 Sect. A 2:00 to 5:30 Sect. B Unscheduled Time Sect. B		

TENTATIVE
SECOND YEAR SCHEDULE
Second Semester, January 28 to June 8, 1957

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 10:00	Pathology Lect. C.H.	Pathology Lect. C.H.	Pharmacol. 101. Lect. B2	Pathology Lect. C.H.	Preventive Medicine, C.H.	Pathology Lect. B2
10:00 to 11:00	Pathology Lab. 1st floor 31 S. Greene Street	Pathol. Lab. 1st floor 31 S. Greene Street	Anat. 103 B2 10:00 to 11:00	Pathol. Lab. 1st floor 31 S. Greene Street	Pharmacol. 101 C.H. 10:00 to 11:00	Intro. Clin. Med. I.D.2 Room 171 P. I.
11:00 to 12:00			Anat. 103 B1 Lab. 11:00 to 1:00		Psychiatry Room 171 P. I. 11:00 to 12:30	
12:00 to 1:00	Lunch	Lunch		Lunch	Lunch 12:30 to 2:00	
1:00 to 2:00	Neurology C. H.	Clin. Path. Lect. B2		Pharmacol. 101. Lect. B2		
2:00 to 3:00	Anat. 103 B2	Clin. Path. Lab. B5	FREE	Pharmacol. 101 Sect. A Physical Diagnosis I, D, 3 Sect. B	Lab. B3 Sect. B	
3:00 to 4:00	Anat. 103 B1 Lab.					
4:00 to 5:00						

September 20, 1956 to June 8, 1957

LECTURE SCHEDULE**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00 to 8:50	Surgery <i>C. H.</i>	Surgery <i>C. H.</i>	Obstetrics <i>C. H.</i>	Surgery <i>C. H.</i>	Pathology <i>C. H.</i>	Surgical Specialties <i>C. H.</i>
9:00 to 9:50	Medicine Neurology Preventive Medicine <i>C. H.</i>	Obstetrics 1st Semester Psychiatry 2nd Semester <i>C. H.</i>	Surgical Spec. Urology Plastic Surgery Ophthalmology <i>C. H.</i>	Gynecology Ophthalmology <i>C. H.</i>	Medicine Legal Medicine Preventive Medicine <i>C. P., C.</i>	A.M.P. <i>C. H.</i>

CLASS DIVISIONS*

Division 1	Division 2	Division 3	Division 4†
Medicine Legal Medicine Industrial Medicine Neurology Infectious Diseases Preventive Medicine	Surgery Operative Surgery Neuro Surgery Otolaryngology Oology Ophthalmoscopy Pathology	The Specialities Obstetrics Pathology Psychiatry Pediatrics	Clinical Clerkships Neurology Pathology Radiology Orthopaedics

STUDENT GROUP ASSIGNMENTS

1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
Groups 1 and 2	Division 1	Groups 1 and 2	Division 2	Groups 1 and 2	Division 3	Groups 1 and 2	Division 4
Groups 3 and 4	Division 2	Groups 3 and 4	Division 3	Groups 3 and 4	Division 4	Groups 3 and 4	Division 1
Groups 5 and 6	Division 3	Groups 5 and 6	Division 4	Groups 5 and 6	Division 1	Groups 5 and 6	Division 2
Groups 7 and 8	Division 4	Groups 7 and 8	Division 1	Groups 7 and 8	Division 2	Groups 7 and 8	Division 3

****Refer to mineographed schedules for complete details.**

*The curriculum is arranged into 4 divisions, and the class into 8 groups. The entire class assembles daily (except Sunday) for lectures at 8:40 and at 9:00 a.m. in Chemical Hall after which students are assigned to Division 4 transfer to B.C.H. at University Hospital.

*Students of Division I spend 8 weeks at Baltimore City Hospitals. On Mondays and Tuesdays students assigned to Division 4 at Baltimore City Hospitals return to the Medical School for Medical Clinic and Pathology.

TENTATIVE
FOURTH YEAR SCHEDULE
September 20, 1956 to June 8, 1957
CLASS DIVISIONS*

Division 1†	Division 2	Division 3†	Division 4
Medicine and Medical Specialties (8 weeks) — Neurology Hypertension Cardiology Gastro-Enterology Metabolism Allergy Infectious Diseases — Radiology	Pediatrics (4 weeks) — Psychiatry (4 weeks)	Surgery and Surgical Specialties (8 weeks) — Urology Neuro Surgery Otolaryngology Orthopedics — Radiology	Obstetrics (2 weeks) — Gynecology Oncology (2 weeks) — Formatology & Syphilology Oncology Ophthalmology Anesthesiology (4 weeks)
STUDENT GROUP ASSIGNMENTS			
1st Quarter	3rd Quarter		
8 weeks Groups 1, 2, 3, 4 to Division 1† Groups 5, 6, 7, 8 to Division 2† Groups 9, 10, 11, 12 to Division 3† Groups 13, 14, 15, 16 to Division 4	8 weeks Groups 1, 2, 3, 4 to Division 3† Groups 5, 6, 7, 8 to Division 4 Groups 9, 10, 11, 12 to Division 1† Groups 13, 14, 15, 16, to Division 2		
2nd Quarter	4th Quarter		
8 weeks Groups 1, 2, 3, 4 to Division 2 Groups 5, 6, 7, 8 to Division 3† Groups 9, 10, 11, 12 to Division 4 Groups 13, 14, 15, 16 to Division 1†	8 weeks Groups 1, 2, 3, 4 to Division 4 Groups 5, 6, 7, 8 to Division 1† Groups 9, 10, 11, 12 to Division 2 Groups 13, 14, 15, 16 to Division 3†		

*The curriculum is arranged into 4 divisions, and the senior class into 16 groups.

†The curriculum of Divisions 1 and 3 is given at the University and Mercy Hospitals simultaneously. There are 4 groups of students assigned to each division. Two groups or one half the students of each division are assigned work for 4 weeks at each hospital. Students belonging to groups 1, 2, 9 and 10 report to the University Hospital for the 1st 4 weeks, Groups 3, 4, 11 and 12 report to Mercy. At the end of 4 weeks the students at the University Hospital report to Mercy and the groups at Mercy report to the University Hospital for a similar period, thus completing for each group involved one division of work.

MATRICULANTS

SENIOR CLASS, September 22, 1955 to June 9, 1956

Abeshouse, George Alan, A.B., <i>Yale University, 1952</i>	Maryland
Adams, John Edward, B.S., <i>University of Maryland, 1954</i>	Maryland
Adkins, Robert Thomas, B.S., <i>University of Maryland, 1952</i>	Maryland
Anderson, Daniel Gilliford, B.S., <i>Muskingum College, 1952</i>	Pennsylvania
Baer, Henry Allen, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Barchet, Stephen, <i>Brown University</i>	Illinois
Belgrad, Richard, B.S., <i>Loyola College, 1954</i>	Maryland
Bellomo, Frank Rocco, B.S., <i>Loyola College, 1952</i>	New Jersey
Bennion, Jerald Horne, B.S., <i>University of Utah, 1952</i>	Utah
Bialek, Stanley Morris; B.S., <i>George Washington University, 1952</i>	District of Columbia
Blue, Morris Larrie, B.S., <i>University of Maryland, 1952</i>	Maryland
Bongardt, Henry Francis, Jr., A.B. <i>Loyola College, 1952</i>	Maryland
Brown, Ernest Owen, B.S., <i>Morgan State College, 1952</i>	Maryland
Burningham, Richard Alvin, A.B., <i>University of Southern California, 1951</i> , California	
Burwell, James Abraham, A.B., <i>University of Pittsburgh, 1952</i>	Pennsylvania
Byrne, Robert James, B.S. <i>University of Maryland, 1954</i>	Maryland
Carski, Theodore Robert, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Castellano, James, Jr., B.S., <i>University of Maryland, 1954</i>	New York
Chase, James McAllister, Jr., B.S., <i>University of Maryland, 1954</i>	Delaware
Cohen, William, B.S., <i>University of Maryland, 1954</i>	Maryland
Cohen, William Coleman, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Collawn, Thomas Herbert, B.S., <i>University of Maryland, 1954</i>	Maryland
Davidson, David Lee, A.B., <i>Cornell University, 1952</i>	Maryland
Dorsey, James Thomas, A.B., <i>Wesleyan University, 1952</i>	Maryland
Downing, John Dent, Jr., B.S., <i>University of Maryland, 1952</i>	Maryland
Eglseder, Ludwig Joseph, <i>University of Maryland</i>	Maryland
Estes, James Tilford, <i>University of Maryland</i>	Maryland
Farmer, Richard Gilbert, <i>Indiana University</i>	Indiana
Finegold, Richard Allen, <i>University of Pittsburgh</i>	Pennsylvania
Foster, Giraud Vernam, B.S., <i>Trinity College, 1952</i>	Maryland
Franco, Jorge Alfonso <i>University of Puerto Rico</i>	Puerto Rico
Franklin, Marshall Burton, B.S., <i>Franklin and Marshall College, 1952</i> ...	Maryland
Frohlich, Edward David, A.B., <i>Washington and Jefferson College, 1952</i> ..	Maryland
Grigoleit, Alfred William, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Hawkins, Josias Henry, Jr., A.B., <i>George Washington University, 1952</i> ..	Maryland
Headley, Robert Nelson, B.S., <i>University of Maryland, 1954</i>	Maryland
Henderson, Neil Carlton, B.S., <i>University of Maryland, 1954</i>	New York
Hersperger, Webb Sellman, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Hoffman, Lee, B.A., <i>University of Maryland, 1952</i>	Maryland
Hooper, Virgil Roy, <i>West Virginia University</i>	West Virginia
Hummel, Ralph Turner, B.S., <i>University of Maryland, 1954</i>	Maryland
Hurwitz, Gilbert Earl, B.S., <i>University of Maryland, 1954</i>	Maryland
Ivens, Betty Irene, B.S., <i>Washington College, 1952</i>	Maryland
Johnston, Daniel Fulper, A.B., <i>Princeton University, 1952</i>	Maryland

Kanner, Albert Victor, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Kaplan, Robert Martin, A.B., <i>University of Michigan, 1952</i>	Maryland
Kellam, Sheppard Gordon, B.S., <i>Loyola College, 1954</i>	Maryland
Kelly, John Edward, Jr., B.S., <i>University of Notre Dame, 1952</i>	New York
King, Charles Herschel, B.S., <i>University of Maryland, 1954</i>	Maryland
Klatt, Kenneth Munson, <i>University of Delaware</i>	Maryland
Knowles, Paul William, <i>University of Utah</i>	Utah
Koller, Elmer Curtis, Jr., B.S., <i>University of Maryland, 1951</i>	Maryland
Kramer, Bernard, A.B., <i>Johns Hopkins University, 1951</i>	Maryland
Kramer, H. Coleman, B.S., <i>University of Maryland, 1954</i>	Maryland
Kress, Scheldon, B.S., <i>University of Maryland, 1952</i>	District of Columbia
Lancaster, Louis James, B.S., <i>Virginia Polytechnic Institute, 1952</i>	Maryland
Lanzi, Joseph Gabriel, B.S., <i>Loyola College, 1954</i>	Maryland
Loughlin, Carl Patrick, <i>West Virginia University</i>	West Virginia
Lee, Mathew Hung Mun, <i>Johns Hopkins University</i>	Hawaii
Lemmert, William Arden, B.S., <i>University of Maryland, 1952</i>	Maryland
Littleton, John Breckenridge, B.S., <i>University of Maryland, 1952</i>	Maryland
Lloyd, William Thomas, B.S., <i>University of Maryland, 1952</i>	Maryland
Love, Thomas Ankarcona, <i>University of Maryland</i>	Maryland
Maggid, Gerald Norton, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Mahon, Robert Joseph, B.S., <i>University of Maryland, 1954</i>	Maryland
Mangus, Samuel James, <i>Washington College</i>	Maryland
Marton, Herbert Miles, A.B., <i>Brown University, 1952</i>	New York
McLaughlin, Joseph Sheffer, B.S., <i>Loyola College, 1954</i>	Maryland
Muth, Robert Gabriel, <i>Loyola College</i>	Maryland
Myers, Richard Ira, B.S., <i>George Washington University, 1952</i>	Pennsylvania
Nowell, John Francis, B.S., <i>University of Maryland, 1954</i>	Maryland
Osteen, Clark Lamont, B.S., <i>University of Maryland, 1954</i>	Maryland
Oursler, David Alan, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Palmer, William Martin, <i>University of Utah</i>	Maryland
Pickett, Wilbur Crafts, Jr., B.S., <i>Washington and Lee University, 1952</i> ..	Maryland
Platt, Marvin Stanley, B.S., <i>University of Maryland, 1951</i>	Maryland
Plumb, Richard Leon, B.S., <i>Randolph-Macon College, 1952</i>	District of Columbia
Pollack, Irvin Paul, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Reahl, George Edward, Jr., B.S., <i>Loyola College, 1954</i>	Maryland
Rodman, Harold Irvin, A.B., <i>Johns Hopkins University, 1952</i>	Maryland
Ross, Harry Paul, B.S., <i>University of Maryland, 1954</i>	Maryland
Sanislow, Charles Andrew, Jr., B.S., <i>Rutgers University, 1952</i>	New Jersey
Schuster, Gerald David, B.S., <i>University of Maryland, 1952</i>	Maryland
Shaub, Roy Otis, <i>University of Utah</i>	Utah
Sinton, William Allen, Jr., B.S., <i>College of William and Mary, 1952</i>	Maryland
Skaggs, James William, Jr., A.B., <i>West Virginia University, 1952</i> ..	West Virginia
Slater, Paul Vernon, A.B., <i>West Virginia University, 1952</i>	West Virginia
Smith, George Thomas, B.S., <i>University of Maryland, 1954</i>	West Virginia
Sowell, George Alexander, B.S., <i>The Citadel, 1952</i>	Maryland
Stovin, James Joseph, A.B., <i>Yale University, 1952</i>	New York
Stuck, Robert George, B.S., <i>Washington College, 1952</i>	New York
Sturgeon, Howard Elbert, A.B., <i>University of Virginia, 1952</i>	Maryland
Trainis, Evelyn Anna, A.B., <i>Goucher College, 1952</i>	Maryland
Trucker, Albert Leroy, Jr., A.B., <i>Johns Hopkins University</i>	Maryland

Truitt, Virginia Harrington, B.S., *University of Maryland*, 1952.....Maryland
 Whiteford, Edwin Warfield, Jr., B.S., *University of Maryland*, 1952.....Maryland
 Williams, John Zigler, B.S., *University of Maryland*, 1954.....Maryland
 Wilson, Harry Davis, Jr., A.B., *Amherst College*, 1952.....Maryland
 Wright, Robert Lee, B.S., *Kent State University*, 1951.....Ohio

JUNIOR CLASS, SEPTEMBER 22, 1955 TO JUNE 9, 1956

Abrahams, Stuart Joel, A.B., *Western Maryland College*, 1953.....Maryland
 Aftandilian, Emil Emanuel, *University of Maryland*.....Iran
 Allen, Charles James, A.B., *Johns Hopkins University*, 1953.....New Jersey
 Arons, Marvin Shield, B.S., *Yale University*.....Connecticut
 Balco, Selina Gloria, B.S., *University of Maryland*, 1953.....Maryland
 Bathon, Bernard Neil, B.S., *Loyola College*, 1953.....Maryland
 Beeby, James Leonard, B.S., *University of Maryland*, 1953.....Maryland
 Berger, Ronald Richard, *University of Maryland*.....Maryland
 Bormel, Paul, B.S., *University of Maryland*, 1953.....Maryland
 Bouzoukis, James Kostas, A.B., *Harvard College*, 1952.....New Hampshire
 Brooks, Herbert Edwin, A.B., *Wabash College*, 1951.....Maryland
 Bucy, Donald Louis, B.S., *Georgetown University*, 1953.....Maryland
 Bulkeley, John Thomas, B.S., *Salisbury State Teachers College*, 1951....Maryland
 Burchell, Mary Cecelia, A.B., *Columbia University*, 1951.....Massachusetts
 Butt, Harvey Rudolph, Jr., *University of Maryland*.....Maryland
 Calciano, Anthony James, *University of Vermont*.....Connecticut
 Cameron, Ronald Ross, A.B., *Johns Hopkins University* 1953.....Maryland
 Carlin, Robert Anthony, *University of Maryland*.....New Jersey
 Chun, Gayne, A.B., *Boston University*, 1951; M.S., *University of Wisconsin*,
 1953.....Hawaii
 Cohen, Marvin, B.S., *University of Maryland*, 1955.....Maryland
 Conway, John Vincent, B.S., *University of Delaware*, 1952.....Delaware
 Dean, Joseph Oliver, Jr., B.S., *University of Maryland*, 1955.....Maryland
 Engnoth, Milton Loring, B.S., *University of Maryland*, 1955.....Maryland
 Ericsson, Arthur Dale, B.S., *University of Miami*, 1953.....Florida
 Feldstein, Marvin Allen, *Loyola College*.....Maryland
 Fiocco, Vincent James A.B., *Columbia University*.....New York
 Fitch, Harry John, B.S., *University of Maryland*, 1951.....Maryland
 Gallo, Sebastian John, A.B., *Johns Hopkins University*, 1953.....Connecticut
 Garcia, Nicolas Antonio, III, A.B., *Johns Hopkins University*, 1953....Puerto Rico
 Gauthier, Donald William, A.B., *St. Anselm's College*, 1953.....New Hampshire
 Gerber, Allen Sidney, B.S., *University of Maryland*, 1955.....Maryland
 Gilbert, Verne Ephraim, A.B., *University of California*, 1953.....California
 Gilmore, Loretta Ann Kurz, B.S., *University of Maryland*, 1950.....Maryland
 Hamblin, Eldon Benorr, B.S., *University of Utah*, 1953.....Arizona
 Hammann, John Henry, Jr., B.S., *Loyola College*, 1953.....Maryland
 Hammond, Anthony Francis, Jr., B.S., *Seton Hall University*, 1953.....New Jersey
 Hanashiro, Paul Katsuto, A.B., *Indiana University*, 1953.....Hawaii
 Henderson, Charles Morgan, B.S., *University of Maryland*, 1955.....Maryland
 Hettleman, Harold Jack, B.S., *Loyola College*, 1953.....Maryland
 Hickman, Robert Othello, A.B., *University of Utah*, 1951.....Utah

- Ho, Richard Koon Bow, A.B., *University of Hawaii, 1591; M.S., University of Hawaii, 1953*.....Hawaii
- Holdefer, Wilfred Ferber, Jr., *Loyola College, 1952*.....Maryland
- Jelenko, Carl, III, B.S., *Loyola College, 1953*.....Maryland
- Jones, Norman Paul, *Georgetown University*.....Maryland
- Kahan, Edwin Louis, B.S., *University of Maryland, 1953*.....Maryland
- Kennedy, William Frank, Jr., B.S., *Bates College, 1952*.....Maine
- Kogan, Leonard Louis, *Dartmouth College*.....Maryland
- Kronthal, Herbert Lee, B.S., *University of Maryland, 1955*.....Maryland
- Lansinger, Donald Tyson, *Loyola College*.....Maryland
- Largey, David Poole, A.B., *Washington and Lee University, 1950*.....Pennsylvania
- Laster, James Preston, B.S., *Loyola College, 1948*.....Maryland
- Laughlin, Joseph Chorpeneing, *West Virginia University*.....West Virginia
- Lentz, George Alvin, Jr., A.B., *Johns Hopkins University, 1953*.....Maryland
- Lerner, Sidney Isaac, B.S., *University of Maryland, 1953*.....Maryland
- Levin, Richard Leonard, B.S., *University of Maryland, 1953*.....Maryland
- Lynch, Peter Paul, *Mount St. Mary's College*.....Massachusetts
- Alacek, Francis John, Jr., B.S., *Loyola College, 1953*.....Maryland
- Mehlhop, Fred Henry, A.B., *Johns Hopkins University, 1953*.....New York
- Moomau, Frederick, A.B., *West Virginia University 1953*.....West Virginia
- Mullan, Paul Aloysius, B.S., *Seton Hall University, 1952*.....New Jersey
- Nasdor, Herbert Harvey, *Loyola College*.....Maryland
- Neale, Leonard Ernest, III, B.S., *University of Maryland, 1953*.....Maryland
- Niznik, Theodore Thaddeus, Jr., B. S., *Loyola College, 1953*.....Maryland
- Oliveras-Armstrong, Francisco Enrique, *University of Puerto Rico*.....Puerto Rico
- Oppegard, Charles Roger, B.S., *University of Maryland, 1955*.....Maryland
- Plugge, Frederick William, IV, A.B., *University of Pennsylvania, 1953*
District of Columbia
- Poland, Warren Saul, B.S., *University of Maryland, 1955*.....Maryland
- Quinones-Segarra, Jose Georgino, B.S., *University of Puerto Rico, 1953*
Puerto Rico
- Rairigh, Donald Wilson, *Johns Hopkins University*.....Maryland
- Raleigh, John Joseph, B.S., *Roanoke College, 1952*.....New York
- Randall, Louis Leroy, B.S., *Morgan State College, 1953*.....Maryland
- Rappoport, William Joseph, A.B., *Johns Hopkins University, 1953*.....Maryland
- Reba, Richard Charney, *Loyola College*.....Maryland
- Restivo, Marion Charles, A.B., *Loyola College, 1953*.....Maryland
- Rever, George Wright, B.S., *University of Maryland, 1950*.....Maryland
- Robinson, Lynn Bennion, B.S., *University of Utah, 1953*.....Utah
- Schmukler, Morton, A.B., *Johns Hopkins University, 1953*.....Maryland
- Schocket, Lee Irwin, B.S., *University of Maryland, 1955*.....Maryland
- Schwartz, Franklin David, B.S., *University of Maryland, 1955*.....Maryland
- Shapiro, Morton Walter, B.S., *University of Maryland, 1955*.....Maryland
- Shaw, George Patrick, B.S., *Alma College, 1953*.....Michigan
- Shaw, Walter Morgan, A.B., *Lafayette College, 1951*.....Ohio
- Shear, Leroy, A.B., *Johns Hopkins University 1953*.....Maryland
- Siegel, Howard Sheldon, A.B., *Western Reserve University, 1953*.....Ohio
- Simmons, William Arthur, A.B., *West Virginia University, 1953*.....West Virginia
- Spence, Kenneth Franklin, Jr., B.S., *Washington and Lee University, 1953*.....Maryland
- Spencer, Maitland G., B.S., *Brigham Young University, 1953*.....Utah

Spencer, Max Jay, B.S., <i>University of Utah, 1952</i>	Utah
Stang, Mary Louise, B.S., <i>University of Maryland, 1953</i>	Maryland
Stout, Landon Clarke, Jr., <i>University of Maryland</i>	Maryland
Stringham, James Grant, B.S., <i>University of Utah, 1952</i>	Utah
Todd, Nevins Woodcock, Jr., <i>Syracuse University</i>	Maryland
Trupp, Michael Saron, A.B., <i>Western Maryland College, 1953</i>	Maryland
Wilner, Harvey Ira, <i>New York University; University of Vermont</i>	New York
Wilson, Ray Austin, A.B., <i>Johns Hopkins University, 1953</i>	Pennsylvania
Young, Virginia Elizabeth, A.B., <i>Vassar College, 1953</i>	Maryland
Zullo, Leonard Michael, B.S., <i>University of Maryland, 1955</i>	Maryland

SOPHOMORE CLASS, September 22, 1955 to June 9, 1956

Alexander, John Thomas, <i>Brigham Young University</i>	Arizona
Aton, James Keyes, B.A., <i>Emory University, 1954</i>	Florida
Bachur, Nicholas Robert, A.B., <i>The Johns Hopkins University, 1954</i>	Maryland
Bartlett, William George, <i>University of Maryland</i>	Maryland
Baumgardner, George Robert, <i>University of Maryland</i>	Maryland
Berg, Elliott Morton, <i>University of Maryland</i>	Maryland
Berman, Maurice Jerrold, B.S., <i>University of Maryland, 1953</i>	Maryland
Bloom, Gerald Edward, <i>Cornell University</i>	Maryland
Brager, Stuart Harmon, B.S., <i>University of Maryland, 1954</i>	Maryland
Bronstein, Howard Daniel, <i>University of Maryland</i>	Maryland
Burke, George James, B.S., <i>University of Maryland, 1954</i>	Maryland
Caplan, Raymond Frank, <i>University of Maryland</i>	Maryland
Clark, Gaylord Lee, Jr., B.A., <i>The Johns Hopkins University, 1953; Stanford University</i>	Maryland
Cope, David Arthur, B.A., <i>Lafayette College, 1954</i>	Pennsylvania
Cranley, Robert Emmet, <i>University of Maryland</i>	New Jersey
Curtis, Bruce Nelson, B.A., <i>Brigham Young University, 1954</i>	Arizona
Cushner, Gilbert Bernard, <i>The Johns Hopkins University</i>	Maryland
Damm, Robert Lee, B.S., <i>University of Maryland, 1954</i>	Maryland
Day, John Ronald, Jr., <i>University of Maryland</i>	Maryland
Delli-Pizzi, Gregory Michael, <i>University of Maryland</i>	New York
Diener, Ronald Lee, <i>University of Maryland</i>	Maryland
Donovan, Raymond Joseph, Jr., B.A., <i>Saint Peter's College, 1954</i>	New Jersey
Erickson, Richard James, B.S., <i>Maryville College, 1954</i>	New Jersey
Farb, Stanley Norman, <i>The Johns Hopkins University</i>	Maryland
Filar, Alfred Anthony, Jr., B.S., <i>Loyola College, 1954</i>	Maryland
Fishkin, Harold Larry, <i>University of Maryland</i>	Maryland
Fitch, Harry John, B.S., <i>University of Maryland</i>	Maryland
Flynn, Richard Rowan, <i>University of Utah</i>	Utah
Friedlander, Harvey Lee, <i>University of Maryland</i>	Maryland
Gee, Malcolm Van Norman, B.S., <i>Howard University, 1953</i>	Maryland
Goldberg, Neil Morton, <i>University of Maryland</i>	Maryland
Goldgeier, Sheldon, <i>University of Maryland</i>	Maryland
Goldstein, Barrett, A.B., <i>The Johns Hopkins University, 1954</i>	Maryland
Greene, Frank Philip, <i>The George Washington University</i>	Maryland
Hale, Meredith Saffell, B.S., <i>University of Maryland, 1954</i>	Maryland

Hall, William Popplein, III, B.S., *Union College, 1954*.....Maryland
 Harsley, John Simpson, A.B., *Catawba College, 1954*.....Pennsylvania
 Heck, Albert Frank, B.A., *The Johns Hopkins University*.....Maryland
 Hicken, William Joseph, B.A., *Loyola College, 1954*.....Maryland
 Holmes, Arthur Clark Loper, *Wheaton College*.....Pennsylvania
 Johnson, Robert Harvey, Jr., B.A., *Duke University, 1954*.....Maryland
 Karpa, Jay Norman, *The Johns Hopkins University*.....Maryland
 Keller, Richard Hubbard, *University of Utah*.....Utah
 Kersh, James Michael, A.B., *Columbia University, 1951; Univ. of Md.*.....Maryland
 Kelso, James Jude, *University of Maryland*.....Maryland
 Kriz, Frank Kenneth, Jr., *University of Maryland*.....Maryland
 Levin, Daniel Melvin, B.S., *University of Maryland, 1954*.....Maryland
 Levin, Howard Stanley, B.A., *Bozeman College, 1954*.....Maryland
 Litoisky, Arthur, B.S., *University of Maryland, 1954*.....Maryland
 Macon, Robert Carpenter, B.S., *The George Washington University, 1954*

District of Columbia

Mailman, Charles Jacob, B.A., *Franklin & Marshall College, 1954*.....Maryland
 Manger, Donald Frederick, B.A., *The Johns Hopkins University, 1954*.....Maryland
 Marshall, William John, Jr., B.S., *Muskingum College, 1954*.....Ohio
 McDonald, John Etchison, B.A., *Washington and Lee University, 1954*.....Maryland
 McInerney, Gerald Timothy, A.B., *West Virginia University, 1954*.....New York
 Mead, Joseph Anthony, Jr., B.A., *Loyola College, 1954*.....Maryland
 Merendino, John Jerome, *University of Maryland*.....Maryland
 Moore, Ernest Eugene, A.B., *West Virginia University, 1954*.....West Virginia
 Mulvaney, Robert Bernard Joseph, B.A., *Seton Hall University, 1954*.....New Jersey
 Ortel, Roy Wade, B.A., *Gettysburg College, 1951*.....Maryland
 Orth, John Goedeke, B.S., *University of Maryland, 1954*.....Maryland
 Ottinger, Ayland Midgley, *University of Utah*.....Utah
 Parker, Charles Edwin, B.A., *University of Utah, 1953*.....California
 Perez-Santiago, Antonio, *University of Puerto Rico*.....Puerto Rico
 Potash, Michael Donald, *University of Maryland*.....Maryland
 Rauh, Jay Thomas, *University of Maryland*.....Maryland
 Reeder, Maurice Merrick, B.A., *Loyola College, 1954*.....Maryland
 Richmond, Lewis Hilliard, *University of Maryland*.....Maryland
 Robl, Robert Joseph, *University of Maryland*.....Maryland
 Roff, Harold, *University of Maryland*.....Maryland
 Searles, Victoria Ann, B.A., *University of New York, 1952*.....Pennsylvania
 Shepperd, James Douglass, Jr., B.A., *University of Pennsylvania, 1954*.....Maryland
 Silberstein, Charles Eliot, A.B., *Western Maryland College, 1954*.....Maryland
 Sutton, Granger Gideon, Jr., B.S., *Massachusetts Institute of Technology, 1954*

District of Columbia

Swanson, Raymond Elmer, B.A., *Valparaiso University, 1951; M.S., Wayne University, 1954*.....Illinois
 Taylor, James Edgar, Jr., *University of Maryland*.....Maryland
 Tilles, Jerome, *University of Maryland*.....Maryland
 Tyler, James Harold, B.A., *University of Vermont & State Agricultural College, 1954*

Connecticut

Ward, William Todd, *University of Maryland*.....Maryland
 Weyn, Adrian Saltzman, A.P., *Gettysburg College, 1954*.....Maryland
 Wolfe, Richard Louis, B.S., *William and Mary College, 1952*.....Maryland

Zieve, Philip David, B.A., *Franklin and Marshall College, 1954*.....Maryland
 Zimmerman, James Benson, B.S., *University of Cincinnati, 1954*.....Ohio

FRESHMAN CLASS, September 22, 1955 to June 9, 1956

Abramson, David Leavitt, B.S., *Loyola College, 1955*.....Maryland
 Adler, Wolfe Nathan, A.B., *Franklin & Marshall College, 1955*.....Maryland
 Ances, Isadore George, *University of Maryland*.....Maryland
 Ashburn, William Lee, A.B., *Western Maryland College, 1955*.....Maryland
 Asrael, Gerson, *University of Maryland*.....Maryland
 Broccoli, Anthony Carmino, A.B., *Providence College, 1955*.....Rhode Island
 Brown, Fred David, *University of Florida*.....Florida
 Cadden, John Francis, *University of Maryland*.....Maryland
 Carrington, Russell, B.S., *Morgan State College, 1955*.....Maryland
 Cohen, William Nathan, *Johns Hopkins University*.....Maryland
 Cole, Milton Burns, A.B., *George Washington (Columbia), 1952*.....Maryland
 Colfelt, Robert Harold, A.B., *University of Washington, 1955*.....Washington
 Coursey, John William, B.S., *University of Maryland, 1951*.....Georgia
 Courtes, Donald Earle, *Johns Hopkins University*.....Maryland
 Damiano, Louis M., A.B., *Virginia Military Institute, 1955*.....Massachusetts
 Darr, Joseph Leo, A.B., *La Salle College, 1955*.....Maryland
 Dawson, Robert Joseph, *University of Maryland*.....Maryland
 Demarco, Salvatore Joseph, A.B., *Loyola College, 1955*.....Maryland
 Dunseath, William James Ross, B.S., *U. S. Naval Academy, 1945*.....New Jersey
 Durkan, James Paul, Jr., A.B., *Loyola College, 1955*.....Maryland
 Economon, Straty Harry, B.S., *University of Maryland, 1954*..District of Columbia
 Falls, William Franklin, Jr., B.S., *University of Maryland, 1955*.....Maryland
 Farley, Francis Edward, A.B., *Loyola College, 1952*.....Maryland
 Feinberg, Gilbert Nathan, *Johns Hopkins University*.....Maryland
 Felsenberg, Stanley Zvi, B.S., *University of Maryland, 1954*.....Maryland
 Fletcher, Charles Bryant, A.B., *Catholic University, 1952*.....Maryland
 Gallagher, George Cromwell, A.B., *Amherst College, 1955*.....District of Columbia
 Gardiner, Theodore David, A.B., *Duke University, 1952*.....Maryland
 Glazier, Jon Bennett, *University of Maryland*.....Maryland
 Green, Karl Mathias, B.S., *University of Maryland, 1955*.....Maryland
 Halle, Carlton Irwin, A.B., *Western Maryland, 1955*.....Maryland
 Hanauer, Franklin Alvan, A.B., *Harvard College, 1955*.....Massachusetts
 Hatem, Rose Mary, B.S., *Washington College, 1955*.....Maryland
 Holt, Robert Stewart, *University of Michigan*.....West Virginia
 Ingham, Roger Bowman, A.B., *Johns Hopkins University, 1954*.....Indiana
 Irwin, Robert Collier, A.B., *Georgetown University, 1953*.....Maryland
 Isaacs, Gilbert Herman, *University of Maryland*.....Maryland
 James, Robert Truxton, A.B., *Princeton University, 1955*.....Maryland
 Jarboe, James Patrick, *University of Maryland*.....Maryland
 Jasion, Arthur Raymond, *University of Maryland*.....Maryland
 Jones, Arthur Ford, Jr., *University of Maryland*.....Maryland
 Just-Viera, Jorge Orlando, B.S., *University of Puerto Rico, 1955*.....Puerto Rico
 King, August Daniel, Jr., *University of Maryland*.....Maryland
 Kirsh, Marvin Manes, A.B., *Johns Hopkins University, 1955*.....Maryland
 Kleinman, Martin Samuel, *University of Maryland*.....Maryland

- Koukoulas, Paul George, A.B., *Western Maryland College, 1955*.....Maryland
- Kraut, William, A.B., *Brozen University, 1955*.....New Jersey
- Lang, Richard Collison, *University of Maryland*.....Maryland
- Lewis, Donald Ryan, *University of Maryland*.....Maryland
- Lewis, George Needham, III, B.S., *Loyola College, 1955*.....Maryland
- Lewis, Jack Covington, *University of Maryland*.....Maryland
- Luban, Arthur, A.B., *Colorado University, 1955*.....New Jersey
- Mainolfi Ferdinand Gregory, B.S., *Loyola College, 1955*.....Maryland
- McKay, Elmer Stewart, B.S., *Grove City College, 1949; M.S., University of Michigan, 1950*.....Pennsylvania
- McManus, Bernard Jerome, *University of Maryland*.....Maryland
- McWilliams, Donald Reid, *University of Maryland*.....Maryland
- Mercer, Philip Werner, *Wheaton College*.....North Carolina
- Morales-Morales, Jose, B.S., *University of Puerto Rico, 1955*.....Puerto Rico
- Mower, Morton Maimon, A.B., *Johns Hopkins University, 1955*.....Maryland
- Natale, Ralph Donald, A.B., *Johns Hopkins University, 1955*.....Maryland
- Nataro, Joseph Francis, *University of Maryland*.....New Jersey
- Odend'hal, Fortune, Jr., B.S., *Franklin & Marshall College, 1955*.....Maryland
- O'Malley, William Edward, *University of Maryland*.....Pennsylvania
- O'Rourke, Thomas Rutter, Jr., *University of Maryland*.....Maryland
- Otto, Joseph Rollin, Jr., A.B., *Princeton University, 1955*.....Maryland
- Pace, Nicholas Anthony, B.S., *Davis & Elkins College, 1955*.....New York
- Pereyo, Jose A., *University of Puerto Rico*.....Puerto Rico
- Perras, David Arthur, A.B., *Harvard University, 1955*.....Massachusetts
- Pinkner, Lawrence David, *Johns Hopkins University*.....Maryland
- Poffenbarger, Arthur Lee, A.B., *Virginia Military Institute, 1955*.....West Virginia
- Reda, Mario Joseph, A.B., *Loyola College, 1955*.....Maryland
- Rhea, William Edward, B.S., *Georgetown University, 1955*.....West Virginia
- Ribner, Herbert, A.B., *Yeshiva University, 1938*.....New York
- Roig-Calderon, Ramon Fernando, A.B., *University of Puerto Rico, 1955*.....Puerto Rico
- Rubenstein, Howard Jack, A.B., *Lafayette College, 1955*.....New Jersey
- Russo, Gerard Lee, A.B., *Loyola College, 1955*.....Indiana
- Rybczynski, Carol Edmund, A.B., *Johns Hopkins University, 1955*.....Maryland
- Sax, Daniel Saul, A.B., *Johns Hopkins University, 1955*.....Maryland
- Schocket, Stanley Sol, *University of Maryland*.....Maryland
- Schroeder, John Raymond, B.S., *Loyola College, 1955*.....Maryland
- Serpick, Arthur Allen, *University of Maryland*.....Maryland
- Shields, Earl Francis, Jr., A.B., *Wittenberg College, 1955*.....Ohio
- Snyder, Stanley Norton, *University of Maryland*.....Maryland
- Solomon, Harvey Mark, B.S., *Rensselaer Polytechnic Institute, 1955*.....Maryland
- Stump, Beverly Jean, A.B., *Hiram College, 1953*.....Ohio
- Syphus, Merrill Tullis, B.S., *University of Utah, 1955*.....Utah
- Thomas, Robert Johnson, A.B., *Washington & Lee University, 1955*.....Maryland
- Trail, Mervin Lee, A.B., *Bridgewater College, 1955*.....Maryland
- Trotter, George Sedding, B.S., *University of Florida, 1955*.....Florida
- Varner, Robert Irwin, *University of Maryland*.....Maryland
- Washington, Frank Willard, Jr., B.S., *Morgan State College, 1954*.....Maryland
- Weinstein, Walter, B.S., *Franklin & Marshall College, 1955*.....Maryland
- Wilhelmsen, Hans Richard, D.D.S., *University of Maryland, 1955*.....Maryland
- Young, Robert Hence, Jr., A.B., *Harvard College, 1955*.....Maryland

INTRAMURAL POSTGRADUATE STUDENTS

January 1955 to June 1956

SURGICAL ANATOMY

Adkins, Raymond M., M.D.	Baltimore, Maryland	<i>University of Maryland</i>
Alonso-Lej, Fernando, M.D.	Zaragoza, Spain	<i>Zaragoza Medical College</i>
Bhattacharjee, Sisir Kumar, M.D.	Bengal, India	<i>University of Calcutta</i>
Casey, James Francis, M.D.	Glasgow, Scotland	<i>Glasgow Medical College</i>
Cayetano, Marcelo Y., M.D.	Manila, Philippines	<i>University of Santo Tomas</i>
Chang, Paul Jongwan, M.D.	Seoul, Korea	<i>Severance Medical College</i>
Kessler, William A., M.D.	Cincinnati, Ohio	<i>University of Cincinnati</i>
Kim, Young V., M.D.	Seoul, Korea	<i>Severance Medical College</i>
Krecji, John Joseph, M.D.	Baltimore, Maryland	<i>Georgetown University</i>
Levine, Hilbert Merrill, M.D.	Baltimore, Maryland	<i>University of Maryland</i>
Leyno, Jorge R., M.D.	Zambales, Philippines	<i>Manila Central University</i>
Luna, Federico Martin, M.D.	Mexico City, Mexico	<i>University of Mexico City</i>
Michienzi, Francesco, M.D.	Francavilla, Italy	<i>University of Rome</i>
Nakayama, Leo, M.D.	Palo Alto, California	<i>Stanford University</i>
Navratil, Donald Raymond, M.D.	Silver Lake, Minnesota	<i>Minnesota University</i>
Palacios, Enrique, M.D.	Mexico D. F., Mexico	<i>National Univ. of Mexico</i>
Pau, Kenneth Kwong Chee, M.D.	Hongkong, China	<i>University of Hongkong</i>
Reichen, Felicien Mariek, M.D.	Bridel, Luxembourg	<i>University of Lausanne, Switzerland</i>
u, Chien Sheng, M.D.	Cebu City, Philippines	<i>University of Philippines</i>
Velasquez, Jose Santos	Guadalajara, Mexico	<i>Medical School of Guadalajara</i>

SUMMARY OF STUDENTS

September 22, 1955 to June 9, 1956

<i>Medical Students</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Senior Class	96	3	99
Junior Class	91	5	96
Sophomore Class	82	1	83
Freshman Class	92	2	94
Medical Students	361	11	372

GEOGRAPHICAL DISTRIBUTION OF MEDICAL STUDENTS

September 22, 1955 to June 9, 1956

Arizona	3	New York	14
California	3	North Carolina	1
Connecticut	4	Ohio	7
Delaware	2	Pennsylvania	12
District of Columbia	8	Rhode Island	1
Florida	4	Utah	12
Georgia	1	Washington	1
Illinois	2	West Virginia	12
Indiana	3	United States Possessions	
Maryland	246	Hawaii	4
Massachusetts	5	Puerto Rico	9
New Hampshire	2	Foreign	
New Jersey	15	Iran	1

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(Term beginning July 1, 1956 and ending June 30, 1957)

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President-Elect

William B. Long, M.D.

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Ernest I. Cornbrooks, Jr., M.D.

Edwin H. Stewart, Jr., M.D.

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Minette E. Scott

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H. Boyd Wylie, M.D.

J. Emmett Queen, M.D.

Gibson J. Wells, M.D.

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William B. Long, M.D.

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Howard B. Mays, M.D.

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William H. Triplett, M.D.

Thurston R. Adams, M.D.

Daniel J. Pessagno, M.D.

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Harry C. Hull, M.D.

Albert E. Goldstein, M.D.

J. Sheldon Eastland, M.D., (*ex-officio*)*Representatives**Advisory Board of Faculty*

William H. Triplett, M.D.

Albert E. Goldstein, M.D.

Edwin H. Stewart, M.D.

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I give, devise and bequeath to the Regents of the University of Maryland, a corporation incorporated under the laws of the State of Maryland, for the benefit of the Faculty of Medicine.....

(Here state amount or describe property)

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